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J. M. McCULLOUGH'S SONS

CATALOGUE OF BULBS

SEEDS AND Sundries.

TRADE MARK

McCULLOUGH'S SEEDS

Fall ~ 1901

TRADE MARK

McCULLOUGH'S SEEDS

316 AND 318

WALNUT STREET.

CINCINNATI, OHIO.

BETWEEN

3RD & 4TH STREETS

ESTABLISHED 1838.

INSTRUCTIONS.

Always Get Your Bulbs Early

It is advisable to get your **bulbs** in the ground as early as possible after the first of October. Sooner will do no harm in cold localities. Although they can be planted as late as they can be got in the ground, yet those planted early give finer flowers, as it is necessary for bulbs to make some root growth in Fall to give the best results. The general line of bulbs will be ready the second week in September. A few kinds (chiefly lilies) are not ready for shipment before *November,* as they are not matured enough to take up before that time. Therefore, please note that all *general orders* will be shipped as soon as received, and the *November Bulbs* will be forwarded as early in November as possible. Should you wish us to hold your general order until November bulbs are ready, *please so state.*

OUR PRICES INCLUDE POSTAGE on single Bulbs and by the dozen, except where otherwise noted. Bulbs quoted by the hundred are *not* sent prepaid.

Send the Money with the Order. Remit by Postal Note, Post Office Order, Registered Letter, Express (prepaid), or Draft on Cincinnati or New York. United States Postage Stamps will be received for small amounts; be exceedingly careful about the least moisture getting on them when remitting, as they sometimes reach us so stuck together as to be almost worthless.

We do not send C. O. D. Everything being plainly priced, the return charges on money is an unnecessary expense.

Should you change your Address, we will esteem it a favor if you will notify us, so that we can forward our Catalogues with regularity; if you receive two catalogues of the same kind, please hand one to some friend who is interested in floriculture.

Should an error occur, we desire to be promptly informed, and will take pleasure in making satisfactory corrections.

Write your Name and Address distinctly and in full; please use the Order Sheet and Envelope inserted in this catalogue.

We shall always be pleased to reward Customers who send us the name and post-office address of their friends who buy Seeds, Plants, Bulbs, etc.

Our Spring Catalogue for 1902 will be ready about January 1st and will be sent free to all customers and applicants.

Mess. J. M. McCullough's Sons give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

J. M. McCULLOUGH'S SONS,

SEEDSMEN and IMPORTERS of **BULBS,**

316 and 318 Walnut St. CINCINNATI, O.

BETWEEN THIRD and FOURTH STREETS.

ORDER SHEET.

J. M. McCULLOUGH'S SONS, Cincinnati, O.,

316 and 318 Walnut Street, Between Third and Fourth Streets.

VERY IMPORTANT.—Write your Name and Address Distinctly and in Full.

Date ..... 190—

Name of Person .....

" *Post Office* .....

" *County* .....

" *State* .....

" *Express Office* (If different from P. O.) .....

Please forward by ..... { State if wanted by Mail, Express, or Freight, and which Company.

(Remittance may be made by P. O. Order, Postal Note, Postage Stamps, Draft on New York or Cincinnati, or Cash by Express.)

Enclosed find Cash, . . $.....

" " *Draft*, . . $.....

" " *P. O. Order*, . $.....

" " *Postal Note*, . $.....

" " *Postage Stamps*, $.....

POSTAGE FREE.—All Vegetable and Flower Seeds offered in **packets, ounces** and **single pounds,** are sent free by Mail, at prices quoted; except **Peas, Beans** and **Corn,** add 10 cents per pint and 15 cents per quart, if to be sent by Mail. **Order Flower Seeds by Number.**

Please use this Order Sheet for orders only, and carry out Catalogue Price of each article. Write your letters on a separate sheet. By observing these directions, it will help us to fill your order with greater accuracy.

For further particulars and conditions of sale, see cover.

Quantity	Name of Article Wanted.	Price.	Quantity	Name of Article Wanted.	Price.

McCullough's BULB CATALOGUE, FALL 1901

WITH COMPLETE CULTURAL DIRECTIONS.

PREMIUMS AND OFFERS TO CLUBS.

To induce our patrons to form Clubs to purchase bulbs in quantities, we offer the following liberal discounts on bulbs selected from our general list:

On	$1.00	Order	may	select	Bulbs	to	the	Amount	of	$1.10	On	$6.00	Order	may	select	Bulbs	to	the	Amount	of	$6.90
"	2.00	"	"	"	"	"	"	"	"	2.25	"	7.00	"	"	"	"	"	"	"	"	8.05
"	3.00	"	"	"	"	"	"	"	"	3.45	"	8.00	"	"	"	"	"	"	"	"	9.20
"	4.00	"	"	"	"	"	"	"	"	4.60	"	9.00	"	"	"	"	"	"	"	"	10.35
"	5.00	"	"	"	"	"	"	"	"	5.75	"	10.00	"	"	"	"	"	"	"	"	11.50

THE ABOVE PREMIUMS CANNOT BE ALLOWED ON ANY COLLECTIONS OF BULBS.

PREMIER COLLECTIONS OF BULBS.

We have made a special effort this season in selecting a number of the very choicest bulbs, and are confident our collections will give universal satisfaction. We have had the several varieties grown specially for us, and we can not substitute.

No. 1 Collection of 40 choice bulbs for house culture for $1.00; regular catalogue price, $1.50.

3 Hyacinths, Roman.
3 Hyacinths, Dutch.
3 Narcissus, Paper White.
6 Freesia Refracta Alba.
6 Tulips.
3 Jonquils.
3 Allium Neapolitanum.
6 Crocus, Mixed.
4 Sparaxis.
3 Scilla Siberica.
1 Lilium Harrisii.
1 Calla Lilly.
1 Calla Lilly, Spotted Leaf.

No. 2 Collection of 40 choice bulbs for outside planting for $1.00; regular catalogue price, $1.50.

3 Hyacinths.
3 Tulips, Single.
6 Tulips, Double.
3 Narcissus, Single.
3 Narcissus, Double.
6 Crocus, Mixed.
3 Iris, English.
3 Iris, Spanish.
3 Scilla Siberica.
6 Snowdrops.
1 Hardy Easter Lily.

EXPRESS OR POSTAGE PAID.

CULTURE OF THE HYACINTH.

For Planting Hyacinths in the Open Ground, the preferable season is September to November, but they can be set out at any later time, as long as the ground is open. The best compost for their culture is one-third sand, one-third well-rotted cow manure, and one-third good garden mould; or, where the soil is naturally light, well-rotted cow manure liberally intermixed is all sufficient. The beds composed of the above compost should be well dug to a depth of fourteen inches, and raised from two to four inches above the level of the walk. The bulbs should be planted about six inches deep, and from five to six inches apart. Care must be taken not to press the earth too firmly around and over the bulbs. After planting, rake the bed or border smooth, and after the ground has frozen tolerably hard in early Winter, cover with a few inches of dry litter, leaves, evergreen boughs or coarse manure.

For the Culture of Hyacinths in Pots, prepare the above compost, adding, if possible, a quantity of leaf mould. The most favorable time for planting is September, October and November; for a succession of bloom, use a four or five-inch pot for a single bulb, and seven-inch for three bulbs. Set the bulbs down in the soil and cover them; do not press them in by force, for this packs the soil under them, and when the roots start they are apt to lift the bulb. After planting, water and set away in a dark place until the pots are well filled with roots. Keep the earth moist, and bring to the light as wanted to bloom. Being exposed to the light for the first time, they are, of course, very delicate, care should, therefore, be exercised not to place them in the direct rays of the sun for two or three days.

For Culture in Glasses, the bulbs should be so placed that only the base of each touches the water; then place them, for the first ten days, in a dark but cool closet or room, to promote the starting of the roots, after which expose them to the light and air as much as possible; AVOID PLACING THEM NEAR GAS-LIGHT. The water should be changed as it becomes impure; draw the roots entirely out of the glasses, rinse off the fibers in clean water, and wash the inside of the glass well. The water should never be allowed to freeze. When the flowers are well advanced, give them a shower of water every day.

CHOICE NAMED HYACINTHS.

THE following list, which has been carefully revised, includes only the choicest varieties, and we have every confidence in recommending them as the best that can be grown for exhibition and decorative purposes. The single varieties will all force well. Single named Hyacinths grown in glasses are an elegant and suitable ornament for the parlor or sitting-room and can be flowered in this way with very little trouble. This plan of growing Hyacinths in water is a method of culture very convenient to many, especially to those residing in cities, where it is so often troublesome to procure soil for potting. The bulbs procured should be placed in the glasses as early in the season as possible, keeping them in the dark until their roots are well started, after which the lightest and sunniest situation that can be had is the best; the water in the glasses should be changed two or three times a week, and in severe weather the bulbs must be removed from the window so as to be secure from frost. After filling the glass with water, place the bulb so that the base only will touch the water.

Prices Per Dozen and Single Bulb Include Postage.

Persons purchasing **Hyacinths** at our counters, or who wish to pay their own express charges, may deduct 10c per dozen from these prices when bought by the dozen. Prices per 100 are not prepaid.

Choice Named Single Hyacinths.

It is supposed by many of the inexperienced that the best Hyacinths are those which produce double flowers. This is by no means correct, there being many more of the single varieties producing fine, free and brilliant spikes of bloom, and they succeed better in glasses than the double.

Single Red and Rose.

	EACH.
Amy, large compact truss, deep carmine	10
Belle Quirene, bright pink, very large spike	10
Cosmos, dark rose, clear center	10
Gertrude, deep rose, fine compact spike	10
Giganthea, delicate pink, large bells	10
Homerus, red, very early	12
Fabiola, beautiful rose, carmine striped, large spike	10
Genl. Pelissier, deep crimson, fine truss, very early	12
Lord Macaulay, bright red, striped rose, large compact spike	15
Lord Wellington, rose, large bells, fine spike	10
Madame Hodson, pink, carmine striped	10
Maria Catherina, deep red, large spike	10
Norma, delicate satin pink, very large bell, handsome spike	10
Robt. Steiger, bright crimson, a fine compact spike	10
Sultan's Favorite, pink, dark striped	10
Veronica, dark scarlet, extra fine large spike	10
Von Schiller, pink, crimson striped, large spike	10

Single White.

Alba Superbissima, pure white, large truss	12
Baron von Thuyll, pure white, very fine large compact truss, an exhibition variety	12
Blanchard, pure white, long compact spike, early	12
Cleopatra, rosy white, a favorite	12
Grand Vedette, snow white, very large bells	12
La Candeur, white, large compact truss	15
L'Innocence, pure white, extra large truss	15

Single White. *(Continued.)*

	EACH.
La Grandesse, pure white, with immense bells, one of the best in cultivation	15
Queen Victoria, pure white, large bells	12
Madame Van Der Hoop, pure white, fine	15
Voltaire, white, shaded with rose, large bells, and good spike, dwarf	10

Single Blue.

Argus, deep blue, pure white eye, very fine	10
Baron von Thuyll, dark blue, compact spike	12
Charles Dickens, bright blue, extra large bells	10
Czar Peter, porcelain blue, extra fine	15
Grand Lilas, silvery lilac, large compact truss	15
Grand Maitre, deep porcelain blue, large truss	12
King of the Blues, rich dark blue, splendid spike	12
L'Amie du Cœur, light lilac, fine spike	12
La Peyrouse, light blue, large bells	10
Maria, dark purple, very large spike	10
Priestly, light blue, fine color	12
Regulus, light blue, with dark blue stripes	10
Uncle Tom, bluish purple, extra large truss	10

Single Yellow.

Duc de Malakoff, orange	15
Heroine, bright citron, large spike	15
Ida, golden yellow, splendid large compact spike	15
King of Holland, rich orange, fine truss	15
La Pluie d'Or, pale yellow, very delicate	10

Choice Named Double Hyacinths.

Double flowering Hyacinths at one time commanded much higher prices, and were preferred to Single ones, but for years the current of fashion has been in favor of the Singles, for there can hardly be a doubt that the latter produce far more graceful and beautiful spikes.

The individual bells of the Double are large and beautiful, but there are usually fewer of them borne on the spike; for bedding and pot culture, however, Double Hyacinths are very satisfactory.

Double Red and Rose.

	EACH.
Bouquet Royal, fine rose, dark center, good spike	10
Bouquet Tendre, carmine rose, large bells	10
Czar Nicholas, pure, delicate rose, large bells	10
Grootvorst, pink, large truss	10
Lord Wellington, pale blush, with delicate rose stripe, large bells and massive spike	15
Noble Par Merite, rose, large bells, splendid truss	12
Princess Royal, scarlet, with brown center, fine	10
Regina Victoria, salmon rose, very double	10

Double White.

A la Mode, blush white	12
Anna Maria, blush white, violet center, fine	12
Bouquet Royal, pure white, fine spike	10
La Tour d'Auvergne, pure white, early large bells	12
La Virginite, blush white, dwarf, large bells	10
Miss Kitty, white, purple center	12

Double White. *(Continued.)*

	EACH.
Prince of Waterloo, fine, pure white, large spike	12
Scepter d'Or, pure white, yellow center	12

Double Blue.

Albion, dark blue, extra fine, large spike	12
Bloksberg, porcelain striped, large truss	12
Chas. Dickens, dark lavender blue, large truss	12
Garrick, lilac blue, with a bright blue stripe	12
Mignon de Dryfhout, light blue, semi-double	12
Pasquin, light blue, with dark center, striped	12

Double Yellow.

Bouquet d'Orange, reddish orange, fine spike	12
Goethe, clear, pale yellow, large bells, fine truss	12
Minerva, new orange	12
Ophir d'Or, golden yellow	12
William III, yellow, with red center, compact spike	12

HYACINTHS

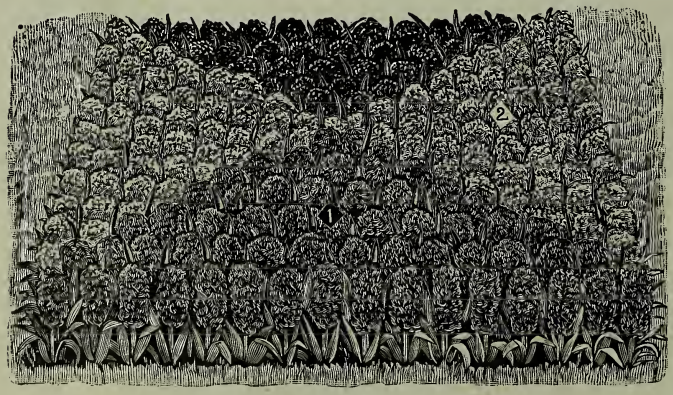
The above illustration indicates the beauty of the flowers that our choice named varieties may be expected to produce, either in the house or garden when planted according to our cultural directions.

ROUND BED OF NAMED HYACINTHS, SECOND SIZE.

The above illustration represents a bed 15 feet in circumference, or 5 feet across, composed of 5 circular rows, requiring a total of 100 bulbs, planted 6 inches apart, as follows:

Combination No. 1. Center row contains 9 Red Hyacinths; second row contains 14 White Hyacinths; third row contains 20 Blue Hyacinths; fourth row contains 25 Pink Hyacinths; fifth row contains 32 Dark Blue Hyacinths. Price $6.50, not prepaid.

Combination No. 2. Consists of 100 Un-named Hyacinths, mixed shades, that will produce a charming effect. Price $1.00, not prepaid.



SQUARE BED OF Named Hyacinths.

SECOND SIZE.

This illustration represents a bed 6 feet square, requiring a total of 169 bulbs, planted 6 inches apart.

Pink and Blue Combination requires 85 Pink and 84 Blue Hyacinths.

Crimson and White Combination requires 85 Crimson and 84 White Hyacinths.

Price for either combination $11.00, not prepaid.

"Suburban" Combination consists of 169 Un-named Hyacinths, mixed shades. Price $6.75, not prepaid.

HYACINTHS NAMED. SECOND SIZE.

These are usually sold under name of **Selected first size,** and in comparing prices please bear this in mind. While it is true that same will not produce as large and full spikes as our **first size,** they will nevertheless give good satisfaction. Particularly commendable for bedding where solid colors are desired.

Red. Pink. Pure White. Blush White. Dark Blue. Light Blue.

10 cents each, $1.00 per dozen, $7.00 per hundred.

Prices Per Dozen and Single Bulb Include Postage.

Persons purchasing **Hyacinths** at our counters, or who wish to pay their own express charges, may deduct 10c per dozen from these prices when bought by the dozen. Prices per 100 are not prepaid.

CHOICE UN=NAMED HYACINTHS.

For Bedding and Forcing, in Separate Colors and Mixed Shades.

These are made up of varieties selected for beds and borders, or for forcing for cut flowers, and are of such superior quality as to be entirely satisfactory to florists who use large quantities of them.

Single Varieties.

	EACH.	DOZ.	100
Single Red, mixed shades	7	75	$4 75
" **Rose**	7	75	4 75
" **Pure White**	7	75	4 75
" **White,** tinted	7	75	4 75
" **Dark Blue and Purple**	7	75	4 75
" **Light Blue**	7	75	4 75
" **Yellow**	7	75	4 75
SINGLE MIXED, all colors	—	65	4 50

Double Varieties.

	EACH.	DOZ.	100
Double Red, mixed shades	7	75	$4 75
" **Rose**	7	75	4 75
" **Pure White**	7	75	4 75
" **White,** tinted	7	75	4 75
" **Dark Blue and Purple**	7	75	4 75
" **Light Blue**	7	75	4 75
" **Yellow**	7	75	4 75
DOUBLE MIXED, all colors	—	60	4 50

HYACINTHS.

MINIATURE OR DUTCH ROMAN.

These may be planted close together in pots or boxes, also in beds in the open ground with charming effect. We can furnish them in the following colors:

Dark Red, Rose and Pink, Pure White,
Dark Blue, Light Blue, All Colors Mixed.

5 cents each, 50 cents per dozen, $3.25 per 100.

Prices Per Dozen and Single Bulb Include Postage.

Persons purchasing **Hyacinths** at our counters, or who wish to pay their own express charges, may deduct 10c per dozen from these prices when bought by the dozen. Prices per 100 are not prepaid.

EARLY ROMAN HYACINTHS EXCLUSIVELY FOR FORCING.

THESE are extensively used by florists for forcing, which may be done at a temperature of 60 degrees. The white variety flowers a fortnight to three weeks in advance of the Holland Hyacinths. The flowers are pure white and very fragrant, and each bulb will throw up from three to four spikes. For forcing, three or four bulbs are generally planted in a suitable pot, in good soil (as recommended for other varieties). The pots must be kept in a cool and dark place until filled with roots, when the flower spikes can be rapidly developed by exposure to light and moderate heat. The blue and rose Roman Hyacinths flower from one to two weeks later than the white variety.

Prices Per Dozen and Single Bulb Include Postage.

Persons purchasing **Hyacinths** at our counters, or who wish to pay their own express charges, may deduct 10c per dozen from these prices when bought by the dozen. Prices per 100 are not prepaid.

	EACH.	PER DOZ.	PER 100.
Early White Roman, selected, extra large bulbs	$0 04	$0 45	$2 75
Early White Roman	04	40	2 25
Double Rose Roman, blooms later than the white	04	40	2 00
Single Blue Roman	04	40	2 00
Single White Italian. This variety is largely grown for the flower markets of Paris. They are a little later than the Roman, and have larger spikes; very fragrant	04	40	2 00

WHITE ROMAN HYACINTHS.

MUSK HYACINTHS.

A small growing Hyacinth of a purplish color, emitting, when in flower, a strong and very agreeable musky odor. Valuable for pot culture, and well worth growing in clumps in the open ground.

Price, 10c each; $1.00 per dozen.

GRAPE HYACINTHS.

Very pretty variety, producing flowering spikes about six inches high, with little round bells so arranged as to resemble a bunch of grapes. Admirable for permanent beds and edgings and partially shaded situations, where they will soon spread and take care of themselves. They are very pretty when grown six in a pot in the house for Winter flowering.

Price, 3c each; 25c per dozen; $1.50 per 100.

FEATHERED HYACINTHS.

An exceedingly pretty variety, the spikes average 9 to 12 inches high, and in place of being formed of bells, as in all of the other varieties, is a **feathery plume,** and few plants are more striking in the garden or more useful for cutting. It is particularly adapted for open garden culture.....Price, 3c each; 30c per dozen; $2.00 per 100.

TULIPS.

TULIPS are one of the most ornamental flowers grown, will thrive in any rich soil or situation, if cultivated the same as the Hyacinth. Their brilliant colors impart a rich and beautiful appearance to the lawn in early Spring. They can be grown in the house in pots or baskets, and will force well with Hyacinths under same treatment. For out-door planting, October and November are the most favorable months. Have the ground well drained; plant from three to four inches deep and about six inches apart.

The letters, *a*, *b*, *c*, following the varieties, indicate their earliness of bloom; the A's flower together, and are the earliest; B next, etc. The figures indicate the height attained in inches, to aid in arranging flower beds.

Prices Per Dozen and Single Bulb Include Postage.

Persons purchasing Tulips at our counters, or who wish to pay their own express charges, may deduct 5c per dozen when bought by the dozen. Prices per 100 are not prepaid.

SINGLE EARLY TULIPS.

	EACH.	PER DOZ.	PER 100
Artus, *b*7, scarlet, fine bold flowers, good for forcing	3	30	$1 50
Belle Alliance, *b*7, brilliant scarlet, large flower, fine for bedding	3	30	1 75
Canary Bird, *a*8, clear rich golden yellow, excellent for early forcing	4	40	2 00
Chrysolora, *b*9, pure yellow, large and handsome flower	4	40	2 00
Cottage Maid, *b*6, rosy pink, edged with white, a charming variety	4	40	2 00
Coleur Cardinal, *c*9, brilliant dark carmine, distinct and very fine	4	40	2 75
Duc de Berlin, *a*8, forcing, red and yellow	3	30	1 75
Duchesse de Parma, *b*9, bronzy crimson, banded yellow	3	30	1 50
Dusart, dark scarlet, large and very robust, fine for parks, a grand flower	4	40	2 75
Gold Standard, *b*8, crimson, yellow striped and shaded	4	40	2 75
Jagt Van Delft, *b*8, white, very fine	3	30	1 50
Joost Van Vondel, *b*8, crimson flamed white, large and distinct	4	30	1 75
Keizerskroon, *b*9, deep crimson, with broad orange-yellow margin, large and effective	4	30	1 75
L'Immaculee, *b*7, pure white, very early and fine, excellent for forcing	3	30	1 50
Mon Tresor, *b*9, large pure yellow, fine bold flower, extra	4	40	2 00
Pottebakker Scarlet, *a*8, bright scarlet, very large and fine flower	3	30	1 50
" **White,** *a*8, pure white, fine large and showy flower	4	40	2 00
" **Yellow,** *a*8, large fine bright golden yellow, excellent forcer	4	40	2 00
Princess Marianne, *b*8, white, with rosy stripe, extra fine large flower	4	30	1 75
Prince of Austria, *b*9, orange-scarlet, sweet-scented, a fine forcer, a grand Tulip	4	40	2 50
Proserpine, *a*8, the "Queen of Tulips," large and very effective, rich, silky rose	4	40	2 50
Queen Victoria (La Reine), *b*6, white, slightly-tinted rose, good for bedding and forcing	3	30	1 75
Rembrandt, *b*8, bright scarlet	4	40	2 00
Rose Grisdelin, *b*6, delicate rose, shaded white, fine for forcing, very beautiful	4	40	2 50
Rosa Mundi, *b*8, white, shaded with rich rose	4	30	1 75
Silver Standard (Royal Standard), *b*8, white, feathered with rosy crimson	4	30	1 75
Thomas Moore, *b*10, beautiful nankeen, shaded orange	4	40	2 00
Vermilion Brilliant, *b*8, deep dazzling vermilion, extra fine for pots and massing	5	50	3 00
Wouverman, *b*6, violet, extra	3	30	1 50
Yellow Prince, *b*7, golden yellow, extra large and showy, scented as a Tea Rose	4	40	2 00
Choicest Mixed, from above-named varieties, extra fine	3	30	1 50
Fine Mixed, including all colors and shades	3	25	1 25

SINGLE EARLY DUC VAN THOLL TULIPS.

These are the earliest to bloom of all Tulips, and being of a dwarf habit, they are especially suitable for pot culture. Planted three or four in a pot they produce a brilliant effect.

	EACH.	PER DOZ.	PER 100
Red and Yellow	3	30	$1 50
Crimson	3	30	1 50
Scarlet	3	30	1 50
Vermilion	3	30	1 50
Rose	4	40	$2 00
White	4	40	2 00
Yellow	5	40	2 50
Mixed Duc Van Tholl	–	30	1 50

TULIPS

For early spring effect nothing can surpass a bed of these brilliant and varied colored flowers, while a glance at the combinations we offer indicates their easy culture and nominal cost.

Bed of Single Early Tulips.

This illustration represents a bed eighteen feet in circumference or six feet across, requiring a total of 200 bulbs planted five inches apart.

Yellow and Scarlet Combination—100 Yellow and 100 Scarlet Tulips.

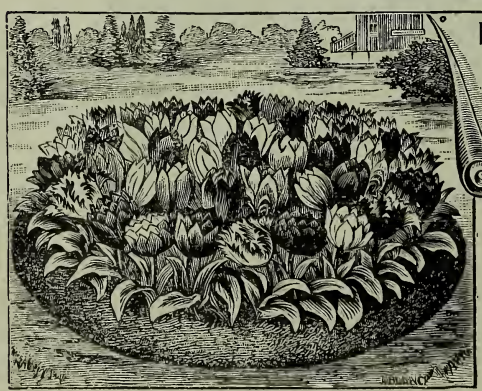
White, Crimson, Yellow and Pink Combination—50 White, 50 Crimson, 50 Yellow and 50 Pink Tulips.

Price for either Combination, $3.00 each; not prepaid.

These Combinations prepared from Named Varieties that will bloom together.

McCULLOUGH'S "PREMIER" Combination of **SINGLE TULIPS** Consists of 200 Superfine mixed Single Tulips, embracing a wide range of beautiful colors. Price, $2.50; not prepaid.

McCULLOUGH'S "NORWOOD" Combination of **DOUBLE TULIPS** Consists of 200 Superfine mixed Double Tulips. Price, $2.50; not prepaid.



HOME COLLECTIONS OF DOUBLE TULIPS

Our **"Home Collection No. 1"** consists of fifty Double Flowering Tulips carefully selected from named varieties, and will produce handsome large Double Flowers. Price, $1.00; not prepaid.

"Home Collection No. 2" consists of twenty-five Double and twenty-five Single Flowering Tulips selected from named varieties. Price, $1.00; not prepaid.

"Home Collection No. 3" consists of fifty Single Flowering Tulips, all selected from named varieties. Price, 75 cents; not prepaid.

Double Tulips.

THIS class of Tulips is one of the most valuable. The earlier varieties are admirably adapted for pot culture, and form a pleasing contrast to the Single Tulips in the greenhouse or conservatory. When planted in the open border they are very showy, and a succession of bloom may be had by a judicious selection from the earlier and later varieties. The Rex Rubrorum and La Candeur form a dense mass of bloom when grown in beds, and the flowers remain in perfection of bloom longer than those of the single varieties.

For Cultural Directions, etc., see Tulips, Page 6.

Admiral Kingsbergen, *b*7, brown and yellow.
4c each; 30c doz.; $1.50 per 100.

Belle Alliance, large violet red, striped white, late and tall.
4c each; 40c per doz.; $2.00 per 100.

Duc Van Tholl, red and yellow, *a*6, very dwarf and fine for forcing.
4c each; 30c per doz.; $1.50 per 100.

Duke of York, *b*8, dark rose, bordered white, showy and fine.
4c each; 30c per doz.; $1.50 per 100.

Gloria Solis, *a*7, deep crimson, with golden margin, very large.
4c each; 30c per doz.; $1.75 per 100.

Helianthus, *a*9, scarlet, gold and crimson, superb. 4c each; 40c per doz.; $2.00 per 100.

Imperator Rubrorum, *a*9, rich crimson scarlet, extra fine.
4c each; 40c per doz.; $2.25 per 100.

La Candeur, *b*8, pure white, extensively grown for bedding.
4c each; 30c per doz.; $1.50 per 100.

Murillo, *b*8, blush white, shaded rose, large flowers, fine for forcing.
5c each; 50c per doz.; $3.00 per 100.

Purple Crown, *a*8, dark crimson maroon, velvety and fine.
4c each; 30c per doz.; $1.50 per 100.

	EACH	PER DOZ.	PER 100
Rex Rubrorum, *b*9, bright crimson scarlet, superb for bedding, showy	5	40	$2 25
Tournesol, *a*7, scarlet, margined yellow; one of the best for forcing	5	40	2 25
Tournesol, Yellow, *a*7, bright golden yellow, large and showy flower	6	60	3 75
Yellow Rose, *c*9, large golden yellow, fine bedder and sweet scented	3	30	1 75
Choicest Mixed, from named varieties, extra fine	3	30	1 50
Fine Mixed, including all colors and shades	3	25	1 25

Late and May Flowering Tulips.

THIS class of Tulips is comparatively little known, otherwise the demand for same would be much greater. They flower somewhat later than the early varieties, and are therefore very valuable to make a succession of bloom.

Bizarres, flowers of perfect shape, yellow ground color, feathered or striped with crimson, purple or white.....5c each; 30c per doz.; $1.50 per 100.

Byblœmens, blotched, striped or feathered with blue, lilac, violet, purple or black. Choicest mixed.....5c each; 35c per doz.; $2.00 per 100.

Gesneriana, the tallest, largest flowered and showiest of all Tulips for bedding out in masses. Flowers of enormous size. Color, rich crimson scarlet, with glittering blue-black center.
5c each; 35c per doz.; $2.00 per 100.

LATE TULIP.

Parrot Tulips.

These are in many respects the finest of all Tulips. Their flowers are larger than the other kinds, and the colors striking and beautiful. Some will be clear yellow, others deep crimson, and others striped with crimson, yellow and green, from which they derive their name.

	EACH.	PER DOZ.	PER 100
Constantinople, large red flowers, tipped orange	5	35	$2 00
Cramoisie Brilliant, deep crimson, with large black star-shaped center, extra fine	5	35	2 00
Perfecta, striped, yellow and scarlet	5	35	2 00
Lutea Major, large bright yellow	5	35	2 00
Parrots, mixed colors	–	30	1 50

A PAGE OF NARCISSUS OR DAFFODILS.

NARCISSUS.

A BEAUTIFUL class of early blooming flowers, both for out-door blooming and for use as cut flowers in the house. Their delicious fragrance, easy culture and thriftiness entitle them to the greatest popularity.

The double and single sorts are perfectly hardy and need not be disturbed oftener than once in three or four years, and not then unless they have become too much crowded by off-sets. Plant in the Fall in good garden soil, about three or four inches deep and two to six inches apart.

The Polyanthus varieties for flowering in pots in the house are very satisfactory. They bloom about the first of February in dense clusters, two or three flower stalks to each bulb, while the earliest of all, the Paper White, will come into bloom as early as December.

A cool, natural temperature suits them best. Pot in the Fall, let them root for two or three months in the dark, then remove to the conservatory or sitting room, and water as often as the soil requires moisture.

Prices Per Dozen and Single Bulb Include Postage.

Persons purchasing Narcissus at our counters, or who wish to pay their own express charges, may deduct 5c per dozen from these prices when bought by the dozen. Prices per 100 not prepaid.

DOUBLE NARCISSUS.

Alba Plena Odorata. The double Poeticus, flowers pure white, large and very fragrant, one of the finest for all purposes.
3c each; 25c per doz.; $1.50 per 100.

Incomparable. Pale yellow and orange mixed, full double flower, large, varying somewhat in shade like the single variety, from pale citron yellow to deep orange.
3c each; 25c per doz.; $1.50 per 100.

Orange Phœnix. Large double white, with orange segments in the center.....5c each; 50c per doz.; $3.00 per 100.

Silver Phœnix. Largest of the Double Narcissus, pale creamy white with sulphur, delicate fragrance, fine for cutting or for decorating purposes.....10c each; $1.00 per doz.

Von Sion. The famous "Old Double Yellow Daffodil," rich golden yellow perianth and trumpet, one of the best forcing sorts.
5c each; 35c per doz.; $2.00 per 100.

Von Sion. Selected, extra large, true Northern grown Dutch Bulbs.....5c each; 45c per doz.; $2.50 per 100.

SINGLE NARCISSUS.

	EACH.	PER DOZ.	PER 100
Biflorus. Twin flowers borne on one stalk, pure white, with yellow cup	3	$0 25	$1 50
Horsfeldi. Very large flowers of pure white, with rich yellow trumpet, magnificent flower	7	65	4 00
Emperor. Large rich yellow trumpet, with lighter yellow perianth, one of the best	10	1 00	8 00
Empress. "Same as Horsfeldi," petals stiffer; later	7	75	6 50
Golden Spur. Very deep yellow, trumpet; early	10	1 00	8 00
Incomparable Stella. Perianth white and slightly twisted, with yellow trumpet, fine for forcing	3	25	1 50
Poeticus. (Pheasant Eye or Poets). Flowers pure white, with distinct red crown, sweet scented	2	20	1 00
Poeticus Ornatus. Large pure white flowers, saffron cup, tinted with rosy scarlet; very early	3	25	1 50
Trumpet Major. Large golden yellow, fine forcer	4	35	1 75
Von Sion Single. Large golden yellow, fine for garden or forcing	4	35	1 75

POLYANTHUS NARCISSUS.

Invaluable for forcing. These all flower very early; the flowers are exceedingly fragrant, and may be grown either in glasses or in pots. If planted in open borders, they must be well protected by a covering of litter.

	EACH.	DOZ.	PER 100
Paper White Grandiflora. Large trusses of pure white flowers, splendid forcer	5	35	$2 00
Paper White. The earliest variety, very fragrant	5	30	1 25
Grand Monarque. White, lemon cup, largest, finest of all white	5	50	3 00
Grand Soleil d'Or. Yellow, orange cup	5	50	3 00
Gloriosa. White, orange cup	5	50	3 00
Queen Victoria. White, very fine	5	50	3 00
Poly'thus Narcissus. Mixed varieties	4	35	2 00

CHINESE SACRED LILY OR ORIENTAL NARCISSUS.

CHINESE LILY.

ALL ORDERS should include these bulbs as they have become most popular through their own merits. Flowering in water and gravel in three to five weeks from time of planting.

They grow well in pots of soil, but the most popular way of blooming them is the Chinese method, as follows:

Put about one inch of sand in a shallow bowl, or some similar vessel, about four inches deep; place the bulb on this, and pack it firmly with small pebbles or pieces of rock; then fill it with water to the top of the pebbles, and place in a warm, sunny window. The bulb will at once commence a rapid growth, and bloom in five or six weeks. Add fresh water as often as necessary.

It is not absolutely necessary to put the bulbs in the dark, but, if shaded until the leaves begin to grow, better results may be obtained. By making a small incision across the top of the bulb, in two or three places, about three-quarters of an inch from the center, it will cause a fresh lot of leaves and flower stalks to start from these points. This must be done with care, so as not to injure the bulb—simply cut the skin. For a window ornament they are unexcelled, and lend to an interior a cheerful aspect when all outside is frost-bound and dreary. The effect is heightened when several are put in a large dish. They can be planted at different times, and have a succession of flowers all Winter.

Flowers often double and single from the same bulb.

Extra large bulbs, 10c each (if by mail, 15c each); $1.00 per dozen, by express, not prepaid.

AMARYLLIS JOHNSONII.

Jonquils.

Most excellent for early blooming. Charming large golden and deliciously odoriferous flowers, freely produced, of the finest effect either in garden, greenhouse or conservatory. May be successfully grown by everyone. Put four in a five-inch pot and treat same as Hyacinths.

	EACH.	PER DOZ.	PER 100
Largest Double, fine golden yellow	5	40	$3 00
Single, sweet-scented, deep yellow	3	25	1 00
Campernelle, single, golden yellow, very large and fragrant	3	25	1 00
Odorus Rugilosus, new large flowering, deep yellow crinkled flowers, exceedingly fragrant and very desirable for forcing or open garden	4	25	1 25

Amaryllis.

All varieties of the Amaryllis are ornamental. Plant in equal parts sandy loam and leaf-mould. If convenient, start them in a hot-bed, beginning with fifty degrees of heat, increasing to sixty or seventy; when the leaves appear water carefully but not in too great a quantity.

When through blooming, water should gradually be withheld until the tops are dry, then store away in a cool place safe from frost until season arrives for starting them again.

	EACH.	PER DOZ.
Atamasco Rosea, these are very ornamental	5	$0 50
Belladonna Major, trumpet shaped, dark rose and white	25	2 50
Equestris, brilliant orange-scarlet, with white throat, fine	15	1 50
Formosissima, velvety crimson	10	1 00
Johnsonii, crimson, striped with white	25	2 50

Prices per dozen and single bulb include postage on Jonquils and Amaryllis.

Persons purchasing these bulbs at our counters, or who wish to pay their own express charges, may deduct 5c per dozen on Jonquils and 10c per dozen on Amaryllis from these prices when bought by the dozen. Prices per 100 not prepaid.

Anemones.

The brilliant flowering Anemones should occupy a place in every garden. The tubers should be planted about two inches deep. Before cold weather sets in cover with a frame or a good bed of leaves and light manure, and lay boards over to keep out the frost. For pot culture, use light, rich soil, and give good drainage; four tubers in a five-inch pot is enough; water and set away in a cool place until the roots are well started, then bring to the light.

		EACH.	PER DOZ.
Double Scarlet, rich dazzling scarlet	postpaid	4	35
Double Mixed, extremely handsome double flowered variety	"	3	30
Single White, pure white, fine	"	3	25
Single Scarlet, rich scarlet, very beautiful	"	3	25
Single Mixed, in great variety of color	"	3	25

ANEMONES.

CROCUS.

CROCUS.

CROCUS should be planted in October or November. Set the bulbs two inches apart and cover with not more than two inches of earth. They are admirably suited for cultivation in pots, shallow bowls, window-boxes, etc., and when so grown the roots should be planted closely together to produce a good effect. For growing in the house, the named varieties are strongly recommended, the flowers produced being larger and more perfect.

These Prices Include Postage. Customers purchasing Crocus at our counters, or who wish to pay their own express charges, may deduct 5c per dozen, and 10c per 100.

	PER DOZ.	PER 100
Large White	12	60
Large Yellow	15	75
Medium Yellow	12	C0
Large Blue and Purple	12	60
Striped and Variegated	12	C0
Mixed. All colors	12	50

Hybrid Named Crocus.

These are composed of all the best and most beautiful varieties, and are very remarkable for richness of color and the immense size of their flowers. Though, of course, higher in price than the ordinary Crocus, they are yet inexpensive. These varieties are best to use in forming letters or designs on the lawn and for pot culture.

	PER DOZ.	PER 100
Albion, striped blue and white, fine	15	$0 85
Baron Brunow, extra large, bright purple	15	85
Cloth of Gold, yellow, with brown stripe	15	60
Cloth of Silver, white, striped with lilac	15	60
Grande Vedette, blue, large flower	15	85
Grootvorst, pure white, large flower, extra fine	15	85
King of the Blues, dark purple, extra fine	15	85
La Majestueuse, white, striped blue	15	85
Mammoth White, extra large flower	15	85
Mammoth Yellow, golden yellow	15	85
Mont Blanc, fine large pure white, splendid	15	85
Non Plus Ultra, blue, with white border	15	85
Prince Albert, dark	15	75
Sir Walter Scott, blue and white striped	15	85
Victoria, fine pure white	15	85
Named Varieties Mixed	15	75

FREESIA.

Freesia.

THIS is one of the most popular aud charming bulbs we offer for pot culture, flowering in the Winter and Spring in the conservatory or window garden. Six bulbs should be planted in a four-inch pot. They force readily, and can be had in bloom by Christmas if desired. The flowers are produced six to eight on stems about nine inches high, and are particularly useful for cutting, remaining in good condition, kept in water, for two weeks; the flowers are pure white, with a yellow blotched throat, and are exquisitely fragrant.

IXIAS.

Refracta Alba, Mammoth Bulbs.....postpaid 25c per doz.; $1.50 per 100.
Refracta Alba, Large Bulbs..... " 20c per doz.; 1.00 per 100.

Purchasers paying transportation charges may deduct 5c per dozen and 10c per 100 from these prices.

Ixias.

These are among the most graceful and beautiful winter-flowering bulbs. The colors are rich and varied, the center differing in color from other parts of the flower. Plant twelve bulbs in a six-inch pot and set in a cool place, water sparingly until some growth is made, then remove to warmer quarters to bloom.

Mixed Varieties. All colors.....postpaid 3c each; 20c per doz.

Iris.

The flowers are very handsome and rich in color, flowering in great profusion in June and July. They will grow in any good garden soil and improve each year by not being disturbed. Plant early in the Fall.

		EACH.	PER DOZ.
English Iris, extra mixed varieties	postpaid	3	20
Hispanica (Spanish Iris), choice mixed, fine for forcing	"	3	20
Persica, dwarf, early flowering, hardy, fragrant, and fine for forcing; blue, white, purple and yellow	"	5	20

LILIUM AURATUM.

LILIES.

NO CLASS of plants capable of being cultivated out of doors possesses so many charms; rich and varied in color, stately and handsome in habit, profuse in variety, and of delicious fragrance, they stand prominently out from all other hardy plants, and no herbaceous border, however select, should be without a few of its best sort. With a well-selected collection, Liliums may be had in bloom from June till October.

Culture.—They should be planted in good, rich, loamy soil, abundantly mixed with very rotten cow manure. Plant about four inches deep, and during the Winter it is advisable to cover the surface of the bed with a thin layer of manure, which will not only afford a slight protection to the bulbs, but will materially enrich the soil. In Spring the manure may either be removed or dug in between the rows.

Pot Culture.—The best soil to use is a rich loam, with the addition of one-third well-rotted manure. Select a large sized pot, say eight or ten inches, so as to allow of deep planting—a most essential matter where there are upper roots to protect. Dust a little charcoal about the bulb to keep it fresh, and cover at least two inches with soil.

After potting, one of the most important things to observe is the proper placing of the pots containing the bulbs. Like all other bulbs, to get the best results in flowering, the pots must be filled with root before the top starts to grow; and to do this, they must be placed in some cool place and excluded from the light, until, on examination, the roots are found to be formed around the ball of earth.

Orders for Lilies can not be filled before November, excepting for Candidum, Harrisii and Longiflorum, which are ready August 1.

AURATUM.

"The Golden Rayed Lily of Japan." The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. May be grown in pots same as Lilium Harrisii.

Extra Strong Bulbs.....25c each; $2.50 per doz.
Large Bulbs.....15c each; 1.50 per doz.

CANDIDUM.

A well-known hardy garden lily—snow white, fragrant blossoms. One of the best varieties for forcing. May be grown in pots same as Lilium Harrisii.

Extra Strong Bulbs.....15c each; $1.50 per doz.
Large Bulbs.....10c each; 1.00 per doz.

HARRISII.

"Bermuda Easter Lily." This splendid Lily is undoubtedly one of the best for house culture, as it comes quickly into bloom and flowers freely. The flowers are trumpet shaped, pure waxy white and delightfully fragrant. They will keep ten or twelve days, if cut when partially open. Bulbs should be potted in a rich soil, using a five to eight inch pot, according to the size of bulb, and the pots plunged in a cold frame or kept in a dark, cold place, to get a strong root growth before the top starts; when well rooted they may be brought into gentle heat and forced into bloom. By bringing them in at intervals a succession of bloom may be had throughout the winter.

	EACH.	PER DOZ.	PER 100
Mammoth Bulbs	30	$3 25	$25 00
Extra Large Bulbs	20	2 00	12 50
Large Bulbs	10	1 00	6 00

LONGIFLORUM.

Snow white, fragrant, trumpet shaped Lily, differing from L. Harrisii in being of shorter growth, blooming later and having smaller flowers, but of more substance and lasting longer in bloom. It is more largely grown for Easter than any other variety, and being hardy, is one of the best sorts for garden culture. Treatment same as recommended for L. Harrisii.

	EACH.	PER DOZ.	PER 100
Mammoth Bulbs	20	$2 00	$12 00
Extra Large Bulbs	15	1 25	8 00
Large Bulbs	10	1 00	6 00

SPECIOSUM.

"Japan Lily." The varieties of this class are magnificent border plants, and also excellent for pot culture. All are perfectly hardy, and are among the most satisfactory Lilies to grow.

Album, pure white, very fragrant.....25c each; $2.50 per doz.
Roseum, white, suffused and spotted with rose.
15c each; $1.50 per doz.
Rubrum, white, suffused and spotted with crimson.
15c each; $1.50 per doz.

LILIUM HARRISII.

TIGRINUM.

"Tiger Lily." Orange salmon, spotted with black.....10c each; $1.00 per doz.

TIGRINUM FLORA PLENO.

"Double Tiger Lily." This is a plant of stately habit, bearing an immense number of double, bright orange red flowers, spotted with black, three to five feet. August.....15c each; $1.50 per doz.

Prices on Single Bulbs are postpaid. By the Dozen or Hundred, by Express or Freight, at expense of purchaser.

ALLIUM NEAPOLITANUM.

An excellent variety for Winter flowering, now extensively forced by florists for cut flowers, being of pure white with green stamens, borne in large loose umbels. Height, 15 to 18 inches. 3c each; 25c per doz.; $1.25 per 100.

BABIANA.

Showy flowers, in form somewhat between an Ixia and a Gladiolus. Same treatment as Ixias.....postpaid, 5c each; 50c per doz.

Calla Lilies. (Richardia.)

An old favorite, and of easy culture, the only requisite for successful culture are rich soil and plenty of water when growing. By allowing them to rest through the summer an abundance of bloom may be had the following Winter.

White Calla or Lily of the Nile. This old favorite is too well known to require any description.

Monster Bulbs.....postpaid 25c each; $2.50 per doz.
Extra Large Bulbs..... " 20c each; 2.00 per doz.
Large Bulbs..... " 15c each; 1.50 per doz.

Black Calla (Arum Sanctum) Flowers very large, of same shape as the ordinary Calla, but from 12 to 15 inches long and 4 inches broad, of a rich dark purple on upper side, and green on underside. The leaves are large and very wavy, of a rich dark green color, veined lighter. Postpaid, 15c each; $1.50 dozen.

Fragrance Calla. In the new Calla Fragrance, a seedling of Little Gem, we have not only a most charming flower, produced in a profusion never before equaled, and a week or two earlier, but also with a genuine, sweet, lasting fragrance. The plants are of medium size (15 to 18 inches high), compact in growth and multiply with great rapidity, growing and blooming profusely under any ordinary treatment.....Postpaid, small bulbs, 15c each; $1.50 doz.

Lemon Giant Calla. Rich lemon-yellow flower. White spotted leaves. Choice and rare.....Postpaid, $1.00 each; $10.00 per doz.

Little Gem Calla. This little pigmy rarely exceeds twelve inches in height, and blooms most abundantly. The flowers are not more than half the size of the common variety, and therefore can be used with telling effect in bouquets. Postpaid, 15c each; $1.50 per doz.

Spotted Leaf Calla (Richardia Alba Maculata). This plant is always ornamental, even when not in flower, the dark green leaves being beautifully spotted with white. In addition to its usefulness as a pot plant it makes a fine thing for planting in the garden in the Summer, being very effective. Postpaid, 15c each; $1.50 per doz.

Yellow Calla (Richardia Hastata). This is identical in all respects to the well known White Calla, excepting that the flowers are of light yellow. Postpaid, 40c each; $4.00 per doz.

Persons purchasing Calla Lily Bulbs at our counters, or who wish to pay their own express charges, may deduct 10c per doz on from these prices when bought by the dozen.

Cyclamen Giganteum.

CHIONODOXA. (Glory of the Snow.)

Hardy, early flowering bulbs, with spikes of beautiful blue flowers with pure white center. The flowers and spikes are more than twice the size of the Scilla Siberica, and require the same culture.

Chionodoxa Luciliæ, blue, white eye. 3c each; 25c doz.; $1.25 per 100.

COLCHICUM AUTUMNALIS.

Handsome hardy plants, very showy and effective in clumps, producing fine clusters of very large beautiful flowers in September or October, followed by the foliage the next Spring.

Finest Mixed.....Postpaid, 10c each; $1.00 per dozen.

CYCLAMEN PERSICUM GIGANTEUM.

One of the most beautiful and best adapted plants for Winter blooming in the house or greenhouse; grows readily and flowers freely for a long period; the foliage being handsomely mottled, is very ornamental. The bulbs should be planted in a compost of loam, leaf-mould and sand, about half covered, leaving the crown or top of the bulb clear; give a little water and keep in the shade until the leaves are well grown. Then, with plenty of light, air and temperature of about 60 degrees, they may be grown to perfection. Good drainage is essential. After flowering the pots should be plunged in a shady, sheltered place until October, when they should be repotted.

Finest Mixed Varieties.....Postpaid, 25c each; $2.00 per dozen.

Purchasers paying transportation charges may deduct 10c per dozen from these prices on Colchicum and Cyclamen Bulbs, when bought by the dozen.

LEUCOJUM (Spring Snowflake).

Resembles the Snowdrop, but much larger, and blooms a month later. Hardy.

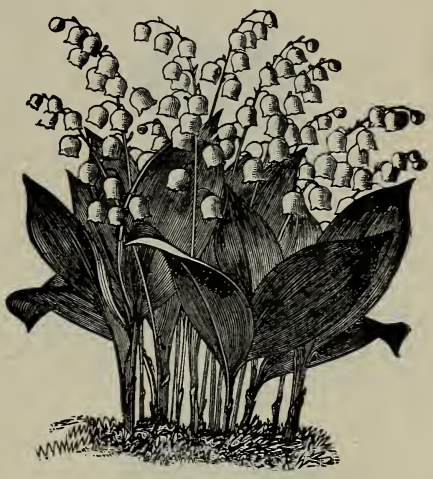
Æstivum (Summer Snowflake), white flowers with green spots.
5c each; 30c per dozen.

Vernum (Large Snowflake), white flowers, green spot on tip of each petal.
3c each; 25c per doz.

LILY OF THE VALLEY.

Plant in a shady place where they will not be disturbed for several years. For Winter blooming they can be potted—six in a four-inch pot, and placed in a cool place till needed for blooming, then bring them out to the light and warmth, and give plenty of water.

Berlin Pips. Selected.....30c doz,; $1.75 per 100.



LILY OF THE VALLEY.

MONTBRETIA CROCOSMIFLORA.

This is one of the most floriferous and showy of summer flowering plants, and destined to great popularity. Planted six inches apart in a group in a sunny position, and allowed to remain undisturbed for several years, they form magnificent clumps, producing in great numbers, graceful spikes bearing from 18 to 30 showy star-shaped flowers of orange suffused with red. They flower freely the first season.....5c each; 40c per doz.; $2.50 per 100.

ORNITHOGALUM ARABICUM.

(Arabian Star of Bethlehem).

A beautiful variety, throwing up a tall spike bearing numerous large, milk-white, star-shaped flowers, with a black center, and have a distinct aromatic perfume. They are decidedly pretty and interesting when grown in the garden—but are more largely grown for green-house and window decoration, being of the easiest culture.....5c each; 40c per doz.; $2.50 per 100.

OXALIS.

OXALIS.

A very pretty variety of plants, adapted for hanging-pots, vases and baskets; they make admirable window plants, as they flower freely. Water frequently while growing.

	EACH.	PER DOZ.
Alba, pure white, free flowering, very pretty	3	$0 25
Boweii, bright crimson	3	25
Buttercup, large, free flowering sort, of a bright buttercup yellow; plant robust and profuse bloomer	3	30
Cernua, fine yellow, one of the best	3	25
Deppii, bright crimson	3	25
Hirta Rosea, deep rose, small foliage	3	25
Versicolor, rose and white	3	25
Choicest Mixed, all colors	3	20

SNOWDROPS.

THEY should be planted in beds in the border, or in clumps in the open lawn, and will endure any amount of hard treatment; still, no flower better repays care and attention. Plant the bulbs in September or October—the earlier the better—to enable them to become well established before freezing weather. Set about two or three inches deep, and one inch apart, in clumps or triple rows; if planted singly they are not conspicuous. The bulbs should not be kept long out of the ground, and should not be disturbed oftener than once in 2 or 3 years. For growing in pots or baskets, the **double** are the best.

Double.....30c per doz.; $2.00 per 100.
Single.....20c per doz.; 1.50 per 100.

SCILLA.

Very early flowering bulbs, doing well in ordinary soil, producing fine, graceful spikes of bell-shaped flowers. Very showy and attractive as pot plants, and require about the same treatment as Hyacinths.

Siberica, a perfect gem, with flowers of richest blue, dwarf and hardy, excellent planted with Crocus and Snowdrops.
3c each; 25c per dozen; $1.25 per 100.

RANUNCULUS.

Handsome flowers of fine form, very brilliant and attractive colors. They require a little heavier soil and more moisture than Anemones, otherwise treated the same. They are very readily grown.

French, finest double mixed, large flowered.....3c each; 25c per doz.
Persian, finest double mixed.....3c each; 25c per doz.
Turban, finest double mixed.....3c each; 25c per doz.

SNOWDROPS.

SPARAXIS.

One of the most graceful and beautiful half-hardy bulbs, with large, handsome flowers of the brightest colors and shades, and are fine for growing in pots. They are closely allied to the Ixia, and require the same treatment.

Finest Mixed.....3c each; 25c per dozen; $1.00 per 100.

SPIRÆA JAPONICA.

SPIRÆA OR ASTILBE.

Japonica. Ready in November. This beautiful plant produces in abundance dense sprays of small white flowers on neat, erect stems. Its beautiful fern-like foliage, combined with its graceful flower heads, makes it one of the best winter forcing plants for window or greenhouse. It is also a beautiful object in the garden, being perfectly hardy. By florists and gardeners it is grown in vast quantities for cutting, etc.
10c each; $1.00 per doz.; $6.00 per 100.

Japonica Multiflora. New Large Flowering. The most beautiful of all the set. The flowers are very large, of the purest white, and stand well above the foliage in charming, airy sprays. Perfectly hardy and unsurpassed for forcing. 12c each; $1.25 per doz.; $8.00 per 100.

Astilboides Floribunda. This new variety is a great improvement over Spiræa Japonica. The flowers are borne in large, feathery panicles of purest white, and last a long time in bloom. It is dwarfer in habit, earlier and more profuse in bloom. 12c each; $1.25 per doz.; $8.00 per 100.

Spiræas can only be sent by express or freight.

TRITELEIA.

A perfect little gem for either pot culture or the open border. It grows well in almost any soil, each bulb producing a number of star-shaped flowers of good substance. Half a dozen bulbs should be planted in a four or five-inch pot. In the garden a good covering with litter is necessary.

Uniflora, white, with blue tint.....3c each; 20c per doz.; $1.25 per 100.

TROPÆOLUM.

These old favorites are very beautiful when well grown. As climbers for window or conservatory they are charming.

Tricolor, orange, red and purple.....15c each.

Palms, Ferns, Araucarias, Etc.

SPECIMEN PLANTS A SPECIALTY.

We call special attention to our stock of Palms, Ferns, Araucarias, Ficus, Pandanus and other plants, which is the largest and most complete in the West. We have a full line of sizes, and can offer special inducements on FINE SPECIMEN PLANTS. Whenever possible, we solicit a personal inspection of our stock either at

NURSERIES OF THE McCULLOUGH SEED CO.,
McCULLOUGH STATION, PLEASANT RIDGE, OHIO, OR
AT OUR STORES, 316 and 318 WALNUT STREET, CINCINNATI, OHIO.

Send all correspondence to our Cincinnati Offices.

KENTIA BELMORIANA.

LIVISTONIA.

ARECA LUTESCENS.

PALMS.

Areca Lutescens. One of the most graceful and beautiful Palms grown; the foliage is of a bright glossy green, with rich golden yellow stems.....$1.00 to $5.00.

Cycas Revoluta (Sago Palm). A valuable decorative plant, both for house and lawn. Their heavy, glossy, deep green fronds resist alike the gas, dust and cold to which decorative plants are frequently exposed.....$1.00 to 10.00.

Dry Bulbs or Trunks weighing from 2 lbs. to 20 lbs. each, 20c per lb., ready in Spring.

Chamerops Humilis. A handsome fan-leaf Palm of rapid, easy culture. Very valuable and useful for house culture or outdoors during the Summer.....$3.00 to $5.00.

Kentia Belmoriana. One of the hardiest and best Palms for growing in a house. They are of slow growth and not affected by the dry atmosphere, of dwarf spreading habit.....$1.00 to $7.50.

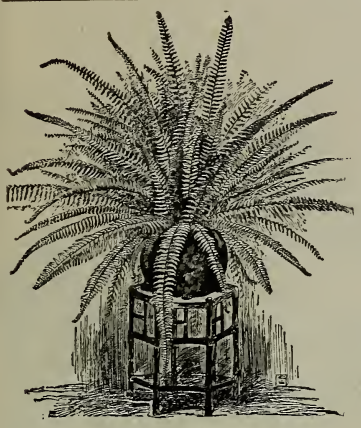
Kentia Fosteriana. Similar to Belmoriana, with stronger growth and broader, heavier foliage.....$1.00 to $5.00.

Latania Borbonica (Chinese Fan Palm). A very popular and hardy variety.....50c to $7.50.

Livistonia Rotundifolia. One of the prettiest Palms, especially suited for table decoration. The foliage is gracefully recurved, forming an almost globular plant.....$1.50 to $5.00.

Combination Palms. Many prefer this class of plant. The center plant is tall, with three small plants around it, the whole forming a handsome bushy specimen.....$4.00 to $15.00.

It is impossible for us to give an adequate description of the various sizes we can offer, as we have a fine stock of Specimen Plants, but our long experience enables us to assure our customers **FULL VALUE FOR PRICE CHARGED.**



BOSTON FERN.

FERNS.

Undernoted we give a description of a few of the leading varieties of Ferns, but can supply other sorts of merit at low prices.

Adiantum Cuneatum. The popular Maiden Hair Fern..... .....50c to $1.00

Adiantum Farleyense. This is the finest of all the Maiden Hair varieties..50c to $2.00

Nephrolepis Bostoniensis (Boston Fern). In the vicinity of Boston no other plant is used so extensively as this graceful Nephrolepis, which differs from the ordinary Fern in having much longer fronds, which frequently attain a length of four feet. These fronds arch and droop over very gracefully, on account of which it is frequently called the Fountain Fern. This drooping habit makes it an excellent plant to grow as a single specimen on a table or pedestal.....50c to $2.50

We have a few handsome Specimen Plants of Nephrolepis in hanging baskets and pots, from $3.50 *to* $5.00 *and* $10.00 *each.*

Nephrolepis Davalloides Furcans. A beautiful and distinct crested variety. The fronds terminating in a branching crest of finely cut and divided growths; a most desirable variety.....50c to $2.00

Pteris Tremula. One of the finest ferns for house decoration, growing very rapidly and throwing up large handsome fronds; makes magnificent specimens; easily grown and very popular..... .....25c to 50c.

Araucarias, Asparagus Sprengeri, Dracænas and other Plants.

ARAUCARIA ROBUSTA COMPACTA.

Alocasia Illustris. An excellent plant to grow in connection with fancy-leaved Caladiums, or for planting in the open border in a partly shaded position. The foliage is large, of a dark green, clouded with a velvety blue-black.....25c to $1.00 each.

Araucaria Excelsa. The most popular of all tender evergreens, is becoming a greater favorite every season. As a decorative plant for the house, this is one of the handsomest and most serviceable.....$1.50 to $4.00

Araucaria Excelsa Glauca. An exceptionally valuable variety; a compact grower. The fronds are longer, broader and heavier than those of Excelsa, and are of a bluish green color, which, under the proper conditions, has a silvery, glaucous tint.....$2.00 to $7.50

Araucaria Robusta Compacta. The finest of all the Araucarias. Foliage very dense, heavy and compact, much more beautiful and desirable than Excelsa. $2.00 to $7.50

Asparagus Sprengeri. A beautiful new variety of this graceful class of plants, especially useful to grow as a pot plant for house decoration, or for planting in hanging baskets, where it makes a graceful drooping plant with branches or fronds four to five feet in length, of a rich shade of green..... .....25c to $5.00

DRACÆNA.

Clerodendron Balfouri. A rapid growing climber of great beauty. It can also be trained in bush form. A very profuse bloomer; its bright scarlet flowers are enveloped in a creamy calyx. The trusses or panicles of flowers are upwards of six inches in length, and when trained upon trellises have a rich and elegant appearance.....25c to $1.00

Cyperus Alternifolius (Umbrella Plant). An excellent pot plant, thrives in any good soil, and always presents a green and attractive appearance. .....25c to 50c

Dracæna Fragrans. One of the most admired of decorative plants, with beautiful deep green leaves. $1.00 to $2.50

Dracæna Indivisa. This variety is used very extensively as a center plant for vases, urns, etc. It stands full exposure to the sun. Its long, narrow, graceful foliage contrasts beautifully with other foliage and flowering plants..... .....25c to $2.00

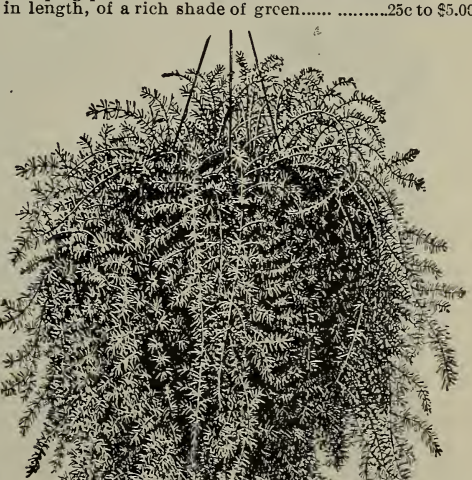
Dracæna Terminalis. Rich crimson foliage, marked with pink and white. 50c to $1.00

Ficus Elastica. The well-known India Rubber Tree, one of the best for table or parlor decoration. Its thick, leathery leaves enables it to stand excessive heat and dryness.....35c to $2.00

SANSEVIERA.

Pandanus Utillis (Screw Pine). This is one of the most useful, ornamental foliage plants; excellent for the center of vases and baskets, or grown as a single specimen plant. .....$1.00 to $10.00

Pandanus Veitchi. One of the most attractive decorative plants. The leaves are light green, beautifully marked with broad stripes of pure white and gracefully curved.....$1.00 to $5.00



ASPARAGUS SPRENGERI.

Baskets like this $3.00 to $6.00 each.

Sanseviera Zealanica. An elegant variegated plant, especially adapted for house decoration, the thick, leathery leaves standing the heat and dust of the house with impunity.....25c, 50c and $1.00

Palms, Ferns, Araucarias, Dracænas and other plants can only be sent by express at purchaser's expense.

ROSES Hardy Hybrid Perpetual.

Hybrid Perpetual Roses are hardy and vigorous. The flowers are very large, of delightful fragrance, and the colors are richer than the Teas or Everblooming.

Anna de Diesbach. Brilliant carmine-pink; large, full and fragrant.
Captain Christy. A lovely rose, blooming almost the entire season; very large, double buds of a deep flesh color.
Dinsmore. A vigorous and free-blooming rose, perfectly hardy and bearing large perfectly double flowers of a rich scarlet-crimson color.
General Jacqueminot. Brilliant scarlet-crimson of fine shape and exquisite fragrance.
Mabel Morrison. Pure white; large, massive, perfectly formed flowers.
Madame Charles Wood. Vivid crimson, large and full.
Madame Gabriel Luizet. Fine satin rose, large and full.
Magna Charta. Bright pink, suffused with carmine; strong, vigorous grower.
Marshall P. Wilder. Cherry-carmine; large, full semi-globular flowers of fine form.
Mrs. John Laing. Rich, satiny pink, delicious fragrance, blooms constantly.
Paul Neyron. Very large dark rose; by far the largest rose in cultivation.
Prince Camille de Rohan. Dark crimson-maroon; richly shaded; full, large and superb.
Ulrich Brunner. Bright cerise-red; flowers large and full.

Large Plants, 30c each; $3.00 per Dozen.

We also have a limited supply of extra large plants that we offer as long as present stock lasts at 50c each; $5.00 per doz.

GEN. JACQUEMINOT.

MOSS ROSES.

Blanch Moreau. Lovely pure white, large and full.
Crested Moss. Rose color, beautifully crested.
Perpetual White. One of the finest.
Pink Moss. Should be in every collection.

Large Plants, 30c each; $3.00 per Dozen.

CRIMSON RAMBLER.

ROSA RUGOSA.

The lovely Rugosa Roses form sturdy bushes three to five feet in height, covered with handsome, glossy green foliage, and clusters of beautiful single flowers which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with red seed pods.

Rugosa. Fine glossy Crimson. | **Rugosa Alba.** Pure white.

Strong Plants, 30c each; $3.00 per Dozen.

Extra Strong Plants, $1.00 each; $10.00 per Dozen.

PERSIAN YELLOW. Perfectly hardy; flowers double and full; deep golden yellow in color; blooms very freely in June. The finest hardy yellow rose grown.

Strong Plants, 25c and 50c each; $2.50 and $5.00 per Dozen.

HARDY CLIMBING ROSES.

Baltimore Belle. Pale blush, nearly white.
Gem of the Prairie. Large and double; color, light crimson, somewhat blotched white.
Prairie Queen. Deep rose, hardy and desirable.
Michigan Climber. Single variety; flowers nearly two inches in diameter; produced very freely; color, bright rich pink; strong, vigorous grower.
Sweet Briar. Highly prized on account of the delightful fragrance of its leaves and young branches. The flowers are single, bright pink, very desirable for hedges and general garden planting.
Crimson Rambler. The plant is of very vigorous growth, making shoots from eight to ten feet during the season. The flowers are produced in trusses, pyramidal in shape, good specimens measuring nine inches from base to tip, and seven inches across, fairly covering the plant from the ground to the top, so that it is one mass of glowing crimson. The color is superb, and remains strong and vivid to the end. The profusion of bloom is marvelous, over three hundred blooms having been counted on one shoot.
Pink Rambler. Pure satiny rose. The partially open buds being bright, light carmine, thus producing a strong and pleasing contrast. In hardiness, freedom of bloom and vigorous climbing habit fully equal to Crimson Rambler.
White Rambler. Closely resembles the Crimson Rambler in vine and foliage. Large clusters of pure white flowers, which are deliciously fragrant. The flowers remain on the plant a long time (from three to five weeks), and keep a long time when cut.
Yellow Rambler. The flowers are borne in immense clusters, often as many as 150 blossoms in a bunch. The color is a decided yellow, the flowers are very fragrant; the habit of growth is very vigorous. Well established plants often making shoots eight to ten feet in one season.

Large Plants, 30c each; $3.00 per Dozen. We have some **Extra Strong Plants** at 50c and $1.00 each.

Prices on **Medium Plants** include postage. Larger sizes, by Express, at purchaser's expense.

Fruit Trees, Small Fruits, Grape Vines, Etc.

SELECT thrifty young trees in preference to old or very large ones; the roots are more tender and fibrous, and they bear transplanting better and are more apt to live; they can also be more easily trimmed and shaped to any desired form, and in the course of a few years will usually outstrip the older ones in growth. If not prepared to plant when your stock arrives, "heel in" by digging a trench deep enough to admit all the roots and setting the trees therein, carefully pack the earth about the roots, taking up when required. Never leave the roots exposed to the sun and air.

SENT BY EXPRESS OR FREIGHT AT EXPENSE OF PURCHASER.

APPLES.

STANDARD.

We can furnish all varieties usually catalogued, but the following list comprises the most desirable sort:
Three years old, 6 to 7 feet high, 25c each, $2.50 per dozen.

SUMMMER VARIETIES.

Early Harvest. Pale yellow, fine flavor; August.
Golden Sweet. Pale yellow, sweet and good; August.
Keswick Codlin. Large pale yellow, pleasant; August.
Sweet Bough. Large pale yellow, tender, sweet.
Yellow Transparent. Pale yellow, good quality.

AUTUMN VARIETIES.

Fall Pippin. Very large, yellow, rich, aromatic.
Maiden's Blush. Large, beautiful, blush cheek.
Rambo. Yellow, streaked with red; October to December.
Red Beitigheimer. Pale cream, covered with crimson.

WINTER VARIETIES.

Baldwin. Large, dark red, productive.
Ben Davis. Large, handsome, striped; good quality.
Golden Russet. Medium, dull russet, crisp, juicy.
Northern Spy. Large, striped red; good keeper.
Rawle's Janet. Medium, yellow, striped with red, rich, crisp and juicy; a long keeper.
Rome Beauty. Large, yellow, shaded red, tender.
Smith's Cider. Medium; tender and juicy; sub-acid.
White Pippin. Large, pale yellow, rich sub-acid.
Wine Sap. Medium, deep red, rich sub-acid.
York Imperial. Medium, yellow, shaded red, firm, juicy sub-acid. An excellent shipping apple.

CRAB APPLES.

STANDARD.

5 to 7 feet, 25c each; $2.50 per dozen.

Hyslop. Deep crimson, very popular on account of its large size, beauty and hardiness.
Transcendant. Skin yellow, striped with red.
Whitney. Large, glossy green, splashed carmine, firm, juicy, great bearer, excellent for cider.

PEARS.

STANDARD AND DWARF.

6 to 7 feet, first-class, 50c each; $5.00 per dozen.

Bartlett. Large, clear yellow, juicy. August.
Clapp's Favorite. Large, juicy and rich. August to September.
Flemish Beauty. Large, juicy, rich and fine. September to October.
Kieffer's Hybrid. Large, rich color and good quality.
Lawson. Yellow, flushed with crimson, crisp and juicy.
Lawrence. Yellow, thickly dotted, fine flavor.
Seckel. Small, yellowish brown, one of the best.
Tyson. Large, yellow with brown cheek, sweet.
Wilder. Yellow with red check, fine quality.

PEACHES.

4 to 6 feet, 25c each; $2.50 per dozen.

Alexander. Medium, greenish white, juicy, sweet.
Champion. Creamy white with red cheeks, freestone, excellent quality. Early in August.
Crawford's Early. Large, yellow, of good quality, freestone. Early in September.
Crawford's Late. Large, yellow with red cheek, freestone. Last of September.
Elberta. Large, yellow with red cheek, flesh yellow, firm, juicy, of high quality, very prolific.
Fitzgerald. Large, yellow, suffused with red, flesh deep yellow, best quality, hardy and productive.
Mountain Rose. Large, handsome red cheek, flesh white, juicy, one of the best. August.
Old Mixon Free. Large, yellow with red cheek.
Sneed. The earliest variety; medium size, creamy white, with light blush cheek, excellent quality.

CHERRIES.

(HEART AND BIGARREAU.)

5 to 7 feet, first-class, 50c each; $5.00 per dozen.

Black Tartarian. Very large, black, juicy rich, excellent, productive. Last of June.
Governor Wood. Large, light red, juicy, rich, delicious. Tree healthy and productive. June.
Napoleon. Large, pale yellow, firm, juicy, productive.
Rockport Bigarreau. Large, yellow, juicy and sweet.
Windsor. Large, liver colored, fine quality.

CHERRIES. (DUKE AND MORELLO.)

4 to 6 feet, first-class, 40c each; $3.50 per dozen.

Early Richmond. Medium, dark red, fine quality.
Empress Eugenie. Large, dark red, fine quality.
English Morello. Dark red, rich, acid, juicy and good.
May Duke. Large, red, an excellent variety.
Reine Hortense. Large, red, juicy and delicious.

PLUMS.

STANDARD.

On Plum Stocks, 5 to 7 feet, 50c each; $5.00 per dozen.

Abundance. Large, yellow, with heavy bloom, good quality, very prolific.
Bradshaw. Large, dark red, flesh green, productive.
Genii. Large, purple, sweet, good market variety.
Lombard. Medium red, juicy, good, hardy and productive, the leading market variety.
Shipper's Pride. Large, purple, fine, juicy and sweet.

On Peach Stocks, 4 to 6 feet, 50c each, $5.00 per dozen.

Damson. Small, oval fruit, purple, hardy, productive.
Weaver. Large, purple, very prolific.
Wild Goose. Medium, purple.

BLACKBERRIES.

50c per dozen; $3.00 per hundred except where noted.

Should be planted in rows six to seven feet apart, three to five feet in the rows. Keep the ground light and rich. Pinch the canes back when they have reached four feet in height.
Ancient Briton. Large fruit, stems loaded with good-sized berries of fine quality, vigorous grower, hardy.
Early Harvest. Very prolific, choice variety.
Eldorado. Large fruit, borne in large clusters and ripen well together, fine quality, good keeper.
Snyder. Medium size, sweet and juicy, extremely hardy and very productive.
White Iceland. A white blackberry. This is a decided novelty, very prolific, sweet, tender and firm. Price, 10c each; $1.00 per dozen.

CURRANTS.

10c each; $1.00 per dozen.

Set four feet apart in rich ground. Cultivate well or mulch heavily; prune out old wood so that each remaining shoot will have room to grow. Manure freely. Two-year-old plants.
Black Champion. Large bunch and berry, excellent quality, strong grower, very productive.
Cherry. Fruit large, bunch small, deep red, acid.
Fay's Prolific. Extra large stems and berries, color rich red, fine quality, very productive.
Pomona. Bright red, extra fine quality and enormously productive; strong vigorous grower.
White Grape. Large, yellowish white, sweet, excellent quality and valuable for the table.

DEWBERRY.

Lucretia. One of the low-growing, trailing blackberries. In earliness, size and quality, it equals any of the tall growing sorts. It has proved highly satisfactory wherever tried, and many say it is the best of all the blackberry family.
50c per dozen; $2.00 per 100.

GOOSEBERRIES.

Plant three to four feet each way, manure well, and after fruit is gathered prune out all old wood. Two-year-old.
Downings. Very large and fine quality..... $1.25 doz.
Houghton. Medium size, very productive..... $1.00 doz.
Smith's Improved. Large, thin skin, best for table use..... $1.25 doz.
Industry. English sort, of very large size, hardy..... $2.50 doz.

Fruit Trees, Small Fruits, Etc.—Continued.

GRAPE VINES.

Catawba. A very late keeper; red, sweet and rich, with pleasant musky flavor.....15c each; $1.25 doz.

Concord. One of the most profitable and productive of all hardy grapes. Bunch and berry large; black, juicy and sweet.....10c each; $1.00 doz.

Delaware. Small, light red, skin thin, very juicy, sweet, sprightly, fine flavor.....15c each; $1.50 doz.

Eaton. Bunch very large, skin black, sweet and juicy pulp. 50 cents each.

Ives' Seedling. Dark purple, sweet, hardy. 10c each; $1.00 doz.

Martha (White Concord). Large, pale yellow; strongly resembles the Concord in all points except color. 15c each; $1.50 doz.

Moore's Early. Ripens ten days earlier than Concord; bunch and berry round and large; black, with a heavy blue bloom. 15c each; $1.50 doz.

Niagara. Vine remarkably hardy and strong grower; bunches very large and compact; berries large, light greenish white slightly ambered in the sun; skin thin but tough, and does not crack.....15c each; $1.25 doz.

Pocklington. A seedling of the Concord, resembling that variety in leaf, vine, habit of growth, hardiness and productiveness. Bunch and berry very large; attractive golden yellow color.....15c each; $1.25 doz.

Prentiss. Bunch large and compact; berry, medium to large, of yellowish green color; skin thin but very firm; sweet, juicy, with a pleasant musky aroma.....25c each; $2.50 doz.

RASPBERRIES.

40c per dozen; $2.00 per hundred.

The Raspberry should be planted in good, rich soil, in rows five feet apart and three feet apart in the rows. As soon as they have done bearing cut out the old wood to give more vigor to the young canes.

Brandywine. Large size, light crimson color, good quality and firm; vigorous and productive. One of the best, well-tested, large early berries for the North.

Cuthbert. Large, firm, deep rich crimson, of excellent quality, tall, strong and vigorous, perfectly hardy and very productive. Ripens medium to late.

Eureka. Large, black variety, fruit firm, of superior quality, strong, vigorous grower and very prolific.

Golden Queen. Berries large, golden yellow, bright and firm, and of fine, rich flavor; vigorous, productive and healthy.

Gregg. A large black variety, fruit firm, of excellent quality and a good shipper.

Loudon. The best red, mid-season berry; fruit large, of a beautiful rich, dark crimson color, good quality and marvelous productiveness and hardiness. Will remain on bushes the longest without injury.

STRAWBERRIES.

ANY ORDINARY soil will grow strawberries, though the richer it is made the larger the fruit. For garden culture, the most convenient method is to plant in beds four feet wide, three rows in each bed, and plants one foot apart in the row. A pathway two feet wide should be left between the beds, so that the fruit may be easily picked and the bed kept clean without stepping on them. Cover lightly in winter with corn stalks or some coarse litter; rake off in the spring, dress the beds, and mulch with litter or short grass from the lawn. All varieties offered in this list have perfect or bi-sexual blossoms, except those marked (P), which are destitute of stamens, and are termed pistillate or imperfect-flowering varieties, and must be planted near some perfect-flowering sort, or they will produce little or no fruit. We advise Fall planting for best results.

25c per Dozen; $1.00 per Hundred; $7.50 per Thousand.

Brandywine. Large, roundish conical; bright, glossy crimson; berries, firm and solid, excellent quality and fine flavor.

Bubach No. 5 (P). Very large and productive, bright scarlet; a fine market variety; early to medium.

Enhance. Large, bright crimson, firm, very prolific.

Gandy. Large, bright crimson, berries of uniform size; plants vigorous and healthy. The best late variety.

Greenville (P). Large, roundish berries of excellent quality; firm and good shipper; very productive.

Haverland (P). Large, bright red, excellent flavor; vigorous grower; ripens fruit evenly and early.

Jessie. Large, handsome berry, of good quality; vigorous grower; good market sort.

Marshall. Large, rich crimson, fine flavor. Plant very strong; with high culture produces heavy crops.

Oriole (P). Large, deep red, rich aromatic flavor, firm, and a good shipper; extra early; productive.

Parker Earle. Large, rich crimson, conical shape, excellent shipper; strong, vigorous grower; very productive; late variety.

Wm. Belt. Large, brilliant red, extra fine quality. The plant is vigorous and thrifty, and very productive.

DECIDUOUS TREES.

For Lawn or Street Planting.

	EACH.	DOZ.
Beech, Purple Leaved. 4 to 6 feet	$0 75	$ 7 50
Birch, European. White. 8 to 10 feet	50	5 00
Birch, Cut Leaved. 7 to 9 feet	75	7 50
Catalpa (Speciosa.) 10 to 12 feet	60	6 00
Cherry, Double Flowering. 4 to 5 feet	60	6 00
Elm, American. 7 to 8 feet	75	7 50
Elm, Purple Leaved. 8 to 10 feet	1 00	10 00
Elm, Weeping	1 00	10 00
Horse Chestnut. 5 to 6 feet	75	7 50
Horse Chestnut, Red Flowering. 4 to 5 feet	1 00	10 00
Horse Chestnut, Dwarf. 2 to 3 feet	75	7 50
Kentucky Coffee Tree. 4 to 6 feet	60	6 00
Linden, American. 8 to 10 feet	75	7 50
Liquid Amber (Sweet Gum.) 6 to 8 feet	$0 75	$7 50
Magnolia Acuminata. 6 to 8 feet	75	7 50
Maple, Norway. 10 to 12 feet	75	7 50
Maple, Rock or Sugar. 10 feet	75	7 50
Maple, Silver Leaved. 10 to 12 feet	60	6 00
Maple, Weir's Cut Leaved. 8 to 10 feet	75	7 50
Mountain Ash, European. 10 to 12 feet	60	6 00
Mountain Ash, Oak Leaved. 6 to 8 feet	60	6 00
Mountain Ash, Weeping	75	7 50
Poplar, Carolina. 10 to 12 feet	60	6 00
Salisburia (Maiden Hair.) 6 to 8 feet	75	7 50
Thorn, Double Flowering Crimson. 2 to 3 ft.	60	6 00
Tulip Tree. 8 to 10 feet	75	7 50

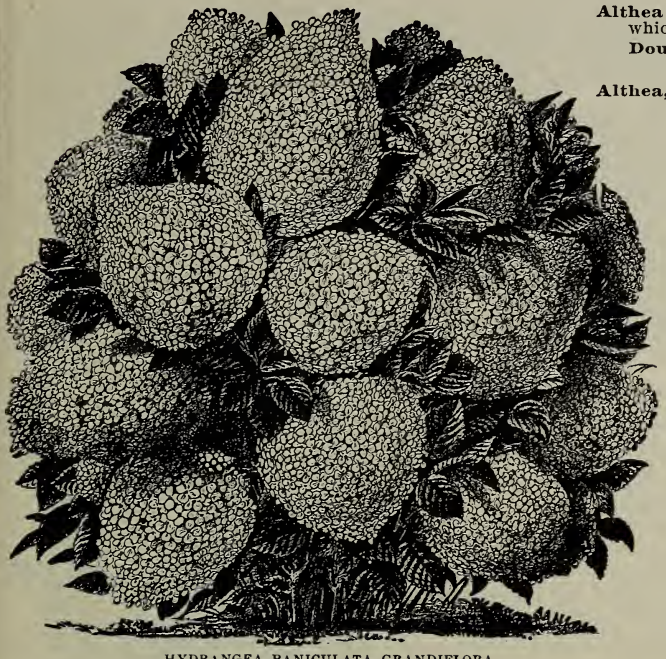
NUT BEARING TREES.

	EACH.	DOZ.
Almonds. Hard and soft shell. 3 to 4 feet	$0 50	$5 00
Chestnut, American. 6 to 7 feet	50	5 00
Chestnut, Spanish. 4 to 6 feet	75	8 00
Hickory. Shell bark. 3 to 4 feet	75	8 00
Pecans. 3 to 4 feet	$0 75	$8 00
Walnuts, English. 2 to 3 feet	75	8 00
Walnuts, Black. 6 to 8 feet	75	8 00
Walnuts, White (Butternut.) 5 to 6 feet	50	5 00

EVERGREENS.

	EACH.	PER DOZ.
Arbor Vitæ American. 1½ to 2 feet	$0 20	$2 00
" " " 2 to 3 feet	30	3 00
" " " 3 to 4 feet	40	4 00
" " **Chinese Compacta.** 2 to 3 feet.	50	5 00
" " **Elegantissima.** 2 to 3 feet	40	3 50
" " **Golden (Aurea.)** 1½ to 2 feet	50	5 00
" " **Pyramidalis.** 2 to 3 feet	40	3 50
" " **Siberian.** 1½ to 2 feet	40	3 50
" " **Tom Thumb.** 1 to 1½ feet	40	3 50
Balsam Fir. 4 to 5 feet	50	5 00
Irish Juniper. 3 to 4 feet. Extra fine	50	5 00
Scotch Pine. 2 to 3 feet	50	5 00
White " 2 to 3 feet	50	5 00
Norway Spruce. 3 to 4 feet	40	4 00
" " 4 to 5 feet	60	6 00
Colorado Blue Spruce. 2 to 3 feet.	75	8 00
Hemlock Spruce. 1½ to 2 feet	50	5 00

ORNAMENTAL FLOWERING SHRUBS.



HYDRANGEA PANICULATA GRANDIFLORA.

Althea (Rose of Sharon.) Strong, erect growing shrubs which bear large and showy flowers in early fall.

Double Rose. Double White. Double Purple.

30 and 50 Cents Each.

Althea, Variegated Leaved. Leaves conspicuously margined creamy white; flowers double purple. 3 feet.....35c each; larger size, 50c each.

Berberry (Berberis Canadensis.) American Berberry. Yellow flowers April to June, followed by red berries.
3 feet.....25c each; larger sizes, 50c to $1.00 each.

Berberry Purple (Berberis vulgaris purpurea.) Violet colored foliage and fruit; very effective. 3 feet.....25c each.

Burning Bush (Euonymus Europeus.) Pods covered with scarlet seed during autumn and winter. 5 to 6 feet.....25c each.

Calycanthus, Sweet-Scented Shrub (Calycanthus Floridus.) Flowers fragrant, like strawberries; double, and of a chocolate color. 2 to 3 feet.....25c each; larger size, 50c each.

Deutzia Crenata flore plena. Flowers double white, tinged with pink.
3 feet.....25c each; larger size, 50c each.

Deutzia Gracilis. A dwarf bush, covered with spikes of pure white flowers in early summer. 3 feet.....25c each; larger size, 50c each.

Dogwood, Red Twigged (Cornus sanguinea.) A strong growing bush, with crimson colored branches, making it an attractive object in winter. 3 feet.....25c each.

Exochorda Grandiflora. Finely shaped shrub with a profusion of the most lovely pure white flowers; blooms in the spring.....35c each.

Forsythia, Golden Bell (F. viridissima.) Bears bright yellow flowers before the leaves appear. 5 to 6 feet.....30c each; larger size, 50c each.

Fringe, Purple or Smoke Tree (Rhus continus.) Has very curious bloom, which, when covered with dew, resembles a cloud of smoke or mist. 4 feet.....35c each; larger sizes, 75c to $1.00.

Hydrangea Paniculata Grandiflora. This is the finest hardy shrub in cultivation, and endures heat and cold extremely well. The flowers which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open, but gradually change to rose color and remain in good condition for weeks.....25c, 35c and 50c each, according to size.

Japan Quince (Pyrus Japonica.) Blooms profusely in early spring; flowers dazzling scarlet. Makes an excellent hedge. 3 feet.....25c each; larger sizes, 50c to 75c.

Lilac, Common (Syringa vulgaris.) The common purple species, and one of the best. 3 feet, 25c each; larger sizes, 50c to $1 00.

Lilac, Common White (S. vulgaris alba.) Flowers pure white; very fragrant. 2 feet.....30c each; larger sizes, 50c to $2.00.

Mock Orange, or Syringa (Philadelphus.) Fragrant pure white flowers. 4 feet.....25c each; larger sizes, 50c to $1.50.

Privet, California (L. ovalifolium.) Nearly evergreen. Bears white flowers in early summer; one of the best hedge plants. 12 to 15 inches.....10c each, $1.00 doz., $6.00 per 100.

Snowball (Viburnum opulus.) Snowy-white; borne in large balls in early summer.....25c each.

Snowball, Japan (Viburnum Plicatum.) Japanese variety of the old-fashioned Snowball, and one of the most valuable of hardy shrubs. It forms an erect, compact shrub six to eight feet high; blooms in early June, and for a long time is a solid mass of white.....50c each.

Spirea Billardii. A strong growing, pink flowered, late blooming species. 2 to 3 feet.....25c each.

Spirea Van Houttei. The grandest of all the Spireas; it is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Clusters of 20 to 30 flat white florets make up the raceme, and these clusters are set close along the drooping stems. Perfectly hardy and an early bloomer...25c each; larger sizes, 50c to $1.00.

Weigelia Candida. The best white Weigelia. 5 feet.....35c each; larger sizes, 50c to $1.00.

Weigelia Desboisii. Beautiful deep rose colored flowers. 3 feet.....30c each; larger sizes, 50c to $1.00.

Weigelia Rosea Nana Variegata. Leaves beautifully margined creamy white; flowers pink. It is a dwarf grower, and admirably adapted to small lawns or gardens. 3 feet.....30c each; larger sizes, 50c to $1.00.

Hardy Herbaceous Perennial Plants.

The steadily increasing demand for hardy plants has induced us to give them more attention, and to increase our stock considerably. For such of our customers who are not acquainted with the different varieties we shall be pleased to make suitable selections of the most desirable species that, when once planted, with very little care, will keep the garden gay with flowers from the time frost leaves the ground until late in the autumn.

Antirrhinum (Snap dragon.) Assorted colors.

Aquilegia (Columbine.) Assorted colors.

Campanula (Canterbury Bells.) Assorted colors.

Coreopsis Lanceolata. Gives a constant succession of the most brilliant golden-yellow flowers as large as a silver dollar, growing on long, slender stems, two feet high. The beauty of these flowers is unequaled by any yellow flower, and the long stems fit them for cutting for the house.

Dielytra Spectabilis (Bleeding Heart.) Adapted for outdoor planting or forcing for early spring blooming. It bears long racemes of graceful heart-shaped pink flowers.

Digitalis (Foxglove.) A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubberies and other half-shady places; 3 feet.

Funkia Cœrulea. Blue, broad green leaves.

Funkia Alba (Day Lily.) Pure white, lily-shaped, fragrant flowers; borne in large clusters.....25c each.

Gaillardia Hybrida Grandiflora. Exceedingly showy; blooming in masses from early summer until frost; flowers, single, two to three inches across. Fine for cutting.

Helianthus Multiflorus Fl. Pl. (Double Hardy Sunflower.) One of the most useful plants. It produces its large double Dahlia-like golden-yellow flowers in great profusion the entire summer and fall.

Henchera Sanguinea. A most desirable perennial, of dwarf, compact branching growth and robust constitution. The flowers are produced in loose, graceful spikes and come in the greatest profusion. Color, rich crimson. 2 feet.

Hibiscus, "Crimson Eye." This elegant Hibiscus, after many years of careful selection, has become entirely distinct. It is a robust grower, with dark red stems and foliage. The flowers are immense in size. The color is pure white, with a large spot of crimson in the centre of each flower.

Hollyhocks. The distinctive character and massive beauty of the Hollyhocks render them unrivalled. For distant effect in large groups they are matchless; nothing makes a finer display. They remain in bloom so long and are so effective that few plants equal them for summer blooming.

15 Cents Each; $1.50 per Dozen. Except where noted. If sent by Mail, 20 Cents Each.

HARDY HERBACEOUS PERENNIAL PLANTS.—Continued.

Iris Kæmpferi. (Japan Iris.) Finest of all the Iris family. The flowers are of immense size, from 6 to 8 inches in diameter, and of the most beautiful and delicate shades. They are perfectly hardy, and flower in great profusion during June and July.

Iris Germanica. (Fleur de lis.) Assorted colors.

Pœonies. Magnificent hardy plants, almost rivaling the Rose in perfume, brilliancy of color and perfection of bloom. They are perfectly hardy, require little or no care, and produce larger and finer blooms when well established. We offer double white, rose and crimson .....25c each; $2.50 doz.

Pœonies Tenuifolia fl. pl. A new variety, with foliage like a beautiful fern, and flowers the color and shape of the Jacqueminot Rose, more double and larger. 50c each; $5.00 doz.

Phlox Decussata. (Tall Perennial Phlox.) One of the best garden plants; they are easily cultivated, and nothing is more attractive than a bed of these, from midsummer until frost. We have a very fine assortment of some of the newer kinds.

Pyrethrum Hybridum Fl. Pl. Too much cannot be said in favor of this grand hardy perennial. No class of plants gives a wider range of colors, while the form and substance of the flowers is all that could be wished. The bloom is similar to that of an Aster. The plants we offer are seedlings grown from an extra select strain.

Rudbeckia. (Golden Glow.) One of the most desirable, most effective flowering plants for August and September. It grows six feet high, branching freely and throwing up masses of large double yellow flowers. Invaluable for cutting.

15 Cents Each; $1.50 per Dozen. Except where noted. If sent by Mail, 20 Cents Each.

Climbing Plants.

AMPELOPSIS VEITCHI.

(Japan Creeper, or Boston Ivy.)

It grows as rapidly as the Old Virginia Creeper. The leaves are small on young plants, which at first are of an olive-green brown color, changing to bright scarlet in the autumn. As the plant acquires age the leaves increase in size. This variety becomes more popular every season, and is, without question, one of the very best climbing plants for covering brick or stone walls that can be grown. 25c each, $2.50 dozen. By mail 30c each.

ARISTOLOCHIA SIPHO.

(Dutchman's Pipe.)

A magnificent hardy vine, of rapid growth, with very large heart-shaped leaves, and brownish flowers resembling a miniature pipe. 40c each, $4.25 dozen. By mail 50c each.

BIGNONIA RADICANS.

(Trumpet Vine.)

A rapid growing climber, with large scarlet, trumpet-shaped flowers. 25c each, $2.50 dozen. By mail 30c each.

CLEMATIS.

The Clematis is, perhaps, the most popular climbing vine of the day, and is constantly gaining in popularity. Entirely hardy.

Duchess of Edinburg. A free flowering double white variety with medium sized flowers.

Gipsy Queen. One of the finest of the dark purple varieties. A strong grower and free bloomer.

Henryii. Fine, large, creamy white flowers. A strong grower and very hardy; one of the best of the white varieties; a perpetual bloomer.

Jackmanii. The flowers, when fully expanded, are from four to six inches in diameter; intense violet purple, with a rich velvety appearance, distinctly veined. It flowers continually from July until cut off by frosts.

Mad. Ed. Andre. This is the nearest approach to a bright red Clematis and has been called the Crimson Jackmanii. The plant is a strong and vigorous grower and very free in bloom. Color is a very distinct crimson red, a very pleasing shade and entirely distinct from all other varieties.

Miss Bateman. White, with chocolate red anthers.

Seiboldi. Silvery lavender, a most beautiful shade.

Strong Plants, 50c each; $5.00 per dozen.
Extra Strong Plants, 75c each, $8.00 per dozen.
By mail, 10c each extra.

CLEMATIS PANICULATA.

One of the most beautiful of our hardy fall-blooming vines. The flowers are pure white, very fragrant, borne in large clusters fairly covering the plant so that it is a mass of fleecy white; the fragrance is delicious. Strong plants, 30c each; $3.00 per dozen. By mail, 40c each.

HONEYSUCKLES.

Monthly Fragrant, or Dutch. Blooms all summer.

Common Woodbine. A strong rapid grower, flowers very showy, red outside, buff within. June and July.

Halleana. Nearly evergreen, flowers pure white, produced abundantly, fragrant like a Jessamine.

Yellow Trumpet. A well-known variety, with yellow trumpet-like flowers.

Scarlet Trumpet. It is a rapid grower and produces scarlet inodorous flowers all summer.

25c each, $2.50 per dozen. By mail, 30c each.

CHINESE WISTARIA.

Wistaria Sinensis. The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms richly perfumed..... 30c each.

Wistaria Sinensis Alba. Of similar habit to Sinensis, with pure white flowers, a lovely climber.....50c each.

Can only be sent by Express or Freight.

QUINQUEFOLIA.

(Virginia Creeper.)

A native vine of rapid growth, with large luxuriant foliage, which in the autumn takes on the most gorgeous coloring. 25c each, $2.50 dozen. By mail 30c each.

EULALIA ZEBRINA.

Ornamental Grasses.

Eulalia Gracillima. The most beautiful of all the Eulalias, with narrow graceful foliage, entirely green, without variegation, except that the mid-rib is of a silvery sheen. Perfectly hardy, very valuable.

Eulalia Japonica Variegata. Leaves striped white and green longitudinally. The dried blooms of all the Eulalias make beautiful winter ornaments.

Eulalia Zebrina. A peculiarly variegated grass, growing six feet high. The variegation is unlike that of any other plant, being across the leaf in regular bands, as shown in our illustration, dark green and light yellow alternating.

Strong Clumps, 25c each; $2.50 per dozen.

McCULLOUGHS SELECTED FLOWER SEEDS

For Fall and Winter Sowing.

The following list of Flower Seeds has been carefully revised and contains only the leading varieties of acknowledged merit, carefully selected and thoroughly tested. Annuals grow from the seed, bloom and perish in one season; biennials generally bloom the first and second years and then die; perennials bloom the second year and every year thereafter, some perishing after three or four years, others continue indefinitely. Some perennials, if started early, bloom the first year.

We offer the following inducements to those who wish to purchase packets in quantity; the low rates apply only to seeds by the packet:

For 25c. select 6 five-cent pkts.	**For $1** select seeds in pkts. to amount of	**$1.30**
For 25c. " 3 ten-cent "	**For $2** " " " "	**$2.65**
For 50c. " 13 five-cent "	**For $3** " " " "	**$4.00**

All Flower Seeds sent Free by mail on receipt of Price. Full Cultural Directions on each Packet.

Order by Number, and thus avoid writing the name in full.

No.		
2.	**Abutilon** (Chinese Bell Flower). Finest mixture	10 cts pkt.
4.	**Achillea.—The Pearl.** Pure white double flowers. Excellent cemetery plant. Hardy perennial	10 cts. pkt.
18.	**Alyssum.—Sweet.** Flowers pure white	30 cts. per oz., 5 cts. pkt.
19.	" **Little Gem.** Dwarf compact habit, pure white flowers	40 cts per oz., 5 cts. pkt.
20.	**Alyssum.—Saxatile Compactum.** Showy, golden yellow flowers. Hardy perennial	5 cts pkt.
37.	**Antirrhinum** (Snapdragon). Dwarf. Finest mixed	5 cts. pkt.
38.	" " Tall. Finest mixed	5 cts. pkt.
45.	**Aquilegia** (Columbine). Double. Choicest mixed	5 cts. pkt.
46.	" " Single. Choicest mixed	5 cts. pkt.
128.	**Bellis** (Double Daisy). Giant Rose. Extra fine	10 cts. pkt.
129.	" " " Giant White. Fine for cutting	10 cts. pkt.
130.	" " " Giant Double Mixed. Extra fine	10 cts. pkt.
140.	**Calceolaria Hybrida Grandiflora.** Large flowers of fine form and substance; rich colors beautifully spotted and marbled. The finest strain in cultivation	25 cts. pkt
150.	**Campanula.** Single. Finest mixed. All colors	5 cts. pkt.
151.	" Double. Finest mixed. All colors	5 cts. pkt.
152.	**Candytuft.—Empress.** Large trusses of pure white flowers; fine florists variety	40 cts. per oz., 5 cts. pkt.
153.	" **White Rocket.** Pure white large truss	20 cts. per oz., 5 cts. pkt.
166.	**Carnation.—Extra Choice Mixed.** From the finest named varieties	25 cts. pkt.
168.	" **Chabauds Giants.** Improved large flowering class of finest colors	25 cts pkt.
172.	" **Marguerite.** Finest mixed; excellent for cutting	10 cts. pkt.
194.	**Cineraria Hybrida Grandiflora.** Finest large flowering exhibition varieties, embracing the richest and most varied, showy and attractive colors. Saved from the finest strain in the world	25 cts. pkt.
145.	**Coreopsis Lanceolata Grandiflora.** Bright golden yellow flowers on long stems; excellent for cutting. Hardy perennial	10 cts. pkt.
249.	**Cyclamen Giganteum.** One of the most beautiful Winter and Spring blooming plants for the conservatory or parlor culture	25 cts. pkt.
284.	**Dianthus Plumarius.** Double large flowering. Finest mixed colors	10 cts. pkt.
282.	" **Oriental Beauties.** A magnificent strain of hardy pinks	20 cts. pkt.
289.	**Digitalis** (Foxglove). A splendid strain. Finest mixed	5 cts. pkt.
307.	**Gaillardia.—James Kelway.** Dazzling crimson scarlet with narrow gold edge. Hardy perennial	10 cts. pkt.
369.	**Hollyhock.—Chater's Prize Mixed.** The finest strain grown	10 cts. pkt.
363.	" **Mammoth Fringed Allegheny.** Extra fine new strain	15 cts. pkt.
417.	**Mignonette.—Allen's Defiance.** Enormous spikes, with individual florets of immense size	10 cts. pkt.
420.	" **Machet.** Dwarf pyramidal growth, large spikes; well adapted for pot culture	10 cts. pkt.
422.	" **Miles' Spiral.** Dwarf branching habit, large spikes; excellent for market purposes	5 cts. pkt.
431.	**Myosotis** (Forget-Me-Not) **Alpestris Victoria.** Large, bright azure blue flowers, very fine	10 cts. pkt.
432.	" **Dissitiflora.** Compact habit, profuse bloomer, exquisite blue; an attractive spring bedding plant	10 cts. pkt.
434.	" **Palustris Semperflorens.** A charming dwarf "Forget-me-not," continuing to bloom from early Spring until Autumn. Blue	10 cts. pkt.

FLOWER SEEDS.—Continued.

No.

489. **Pansy.—McCullough's "Premier."** This new strain is saved from the finest flowers of one of the best collections of Pansies in the world. The plants are compact and of robust growth. Florists and amateurs desiring charming "show" flowers should not neglect this strain, as it is the result of many years' careful selection and hybridization.....25 cts. pkt.

491. **Pansy.—McCullough's Ne Plus Ultra.** A magnificent strain of fine varieties, producing large, handsome flowers of great substance and variety of coloring.....15 cts. pkt.

494. **Pansy.—Extra Choice Fancy Mixed.** This superb strain produces flowers of all shades and markings, embracing some very fine novelties..10 cts. pkt.

524. **Petunia—Double. Grandiflora Mixed.** Choice strains of fine colors and large flowers..25 cts. pkt.

525. **Petunia—Single. McCullough's Mammoth.** The finest mixture procurable.....20 cts. pkt.

586. **Primula Chinensis Fimbriata. Alba Magnifica.** Pure white, beautifully fringed.....25 cts. pkt.

587. **Primula Chinensis Chiswick Red.** Large, brilliant scarlet, finely fringed.....25 cts. pkt.

588. **Primula Chinensis Fimbriata.** Finest mixed. All colors.....25 cts. pkt.

589. **Primula Forbesi** (Baby Primrose). Rosy lilac flowers; fine for pots and bouquets.....20 cts. pkt.

No.

590. **Primula Obconica Grandiflora Hybrida.** Improved large flowered strain. Extra fine.....15 cts. pkt.

591. " **Obconica Grandiflora Fimbriata.** Large flowers with finely fringed and toothed petals; a beautiful pot plant.....20 cts. pkt.

628. **Smilax.** One of the best decorative climbing plants.....15 cts. pkt.

685. **Stock.—McCullough's Cincinnati Market.** A grand variety producing one long sturdy spike closely set with enormous double white flowers. A fine forcer.....10 cts. pkt.

686. " **Princess Alice** (Cut and Come Again). Pure white, one of the earliest. It throws out numerous side branches, bearing clusters of fragrant blossoms. Excellent for cutting.....10 cts. pkt.

702. **Verbena.—Mammoth.** Finest mixed. A fine strain of beautiful colors and shades.....10 cts. pkt.

711. **Vinca.—Rosea.** Rose with dark eye.....10 cts. pkt.

No.

712. **Vinca. Alba.** White with crimson eye.....10 cts. pkt.

713. **Vinca. Alba Pura.** Beautiful pure white...10 cts. pkt.

714. **Vinca. Finest Mixed.** All colors.....10 cts. pkt.

Hyacinth Glasses.

Hyacinth Glasses can not be sent by mail.

Belgian or Tall. Claret, Blue, Crystal and Amber colors. 15c each, $1.65 doz.

Double Glasses. The best in use. Claret, Blue, Crystal and Amber colors. 25c each, $2.50 doz.

New English Glasses. Very ornamental. 30c each, $3.00 doz.

PRIMULA CHINENSIS FIMBRIATA.

For other varieties of seeds, etc., **see our Spring Catalogue.** If you have misplaced the Catalogue we sent to you in the Spring, or if you have not received one, please notify us and we will forward one by return mail.

FERTILIZERS.

SUBURBAN LAWN FERTILIZER

Is clean, free from any disagreeable odor, and does not contain weed seeds. Especially prepared for use upon lawns, and contains all the constituents for promoting a quick luxuriant growth, and a rich green color. When making a new lawn apply from 300 to 400 lbs. per acre, raking well into the soil.

ANALYSIS.

Ammonia	3.70	per cent.
Available Phosphoric Acid	1.70	"
Insoluble Phosphoric Acid	0.30	"
Total Phosphoric Acid	2.01	"
Potash (k 2 o)	2.64	"

As will be seen from the above analysis we offer a fertilizer specially adapted for lawns, being rich in Ammonia or Nitrogen, and Potash, which will produce a luxuriant growth of the young grass and maintain and nourish the lawn throughout the season.

Per lb., 10c; 6 lbs., 25c; 13 lbs., 50c; 25 lbs., 75c; 100 lbs., $2.50; per ton, $40.00.

SHEEP MANURE—El Paso.

This is a pure natural manure, and a nutritious food for plants. Its effect is immediate, much more lasting and beneficial than guano or any other manure. It is the best of all manures for mixing with the soil for greenhouse plants. It makes the richest, safest and quickest liquid manure, rivaling guano, without any deleterious effects. Nothing equals it for general use on flower beds, or for the vegetable garden. No raking-off required. No seeds of foul weeds in it! No offensive odor! It is clean to handle! Absolutely safe to use in any quantity or in any manner.

Directions.—For lawns, use at the rate of from 300 to 500 pounds per acre. For pot plants, mix one part of sheep manure to six parts of soil. For use in the vegetable garden, spread over the surface and dig in. Being soluble, it readily makes a safe liquid manure (one pound to five gallons of water per day can be safely used.)

Pulverized, per lb., 10c; 5 lbs., 25c; 12 lbs., 50c; 25 lbs., 75c; 100 lbs., $2.50.
Natural state, not pulverized, $1.75 per 100 lbs.

BOWKER'S FLOWER FOOD.

It is free from odor, clean to handle, and, in addition to promoting a strong, healthy growth, and a profusion of bloom, it materially aids in keeping your plants free from vermin. The Flower Food will keep any length of time, is soluble in water and ready for the plant to take it up, thus producing a quicker and healthier growth than can be obtained from any other fertilizer. This is splendidly adapted for **Palms, Rubber Plants** and **Ferns.**

Directions for use on each package.

Large size, 25c per pkt. By mail 16c pkt. extra.
Small size, 15c per pkt,; 2 pkts. for 25c. If by mail, add 8c pkt. extra.

AMMONIATED BONE MEAL and POTASH.

This is now the leading fertilizer, and is especially valuable for plants, potatoes and grain.

ANALYSIS.

Nitrogen	2.47	to	3.29
Ammonia	3.	"	4.
Total Phosphoric Acid	8.	"	10.
Available Phosphoric Acid	6.	"	8.
Water Soluble Phosphoric Acid	4.	"	6.
Potash (k 2 o)	2.	"	3.

5 lbs., 25c; 100 lbs., $2.00; 200 lb. bag, $3.00; half ton, $13.50; per ton, $25.00.

PERUVIAN GUANO.

One of the most powerful stimulants for plants and growing crops. One pound of Guano to twenty gallons of water will be sufficiently strong for a single watering each week, and more efficient than repeated waterings with weaker solutions.

Per lb., 10c; 10 lbs., 75c; 100 lbs., $5.00.

BONE, FLOUR OR DUST.

This is ground very fine, decomposes more rapidly in the soil than the coarser grades, and is therefore more quickly beneficial.....Per lb., 5c; 10 lbs., 45c; 100 lbs., $3.00.

BONE, CRUSHED OR COARSE.

This is largely used for pasture lands, being rather slow but permanent in action, and it is also indispensable in the grape-vine borders—for fruit trees, small fruits, etc.—where a lasting fertilizer is required.

Per lb., 5c; 10 lbs., 45c; 100 lbs., $3.00.

PACIFIC GUANO.

For several years we have been handling Pacific Guano, and the universal verdict from all who use it is, "It is the best fertilizer we have ever used."

Per lb., 10c; 5 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.00; per bbl. of 250 lbs., $3.75; per half ton, $14.50; per ton, $27.00.

COTTON SEED MEAL.

This makes an excellent fertilizer for old lawns and meadows, being odorless and free from weed seeds. Apply at the rate of 200 lbs. per acre.

Per bag of 100 lbs., $1.50; per ton, $24.00.

LAND PLASTER

Is adapted to a great variety of uses, and sales are largely increasing as its value becomes better known. If applied as a top-dressing for Grass and Clover crops in the spring, it greatly increases the growth and yield of same, in fact its use is almost certain to insure a good stand of clover. If it is sprinkled in Stables, Poultry Houses and on manure piles it will prevent ammonia from vaporizing, thereby greatly increasing the value of farm manure. On account of its economical usefulness and effectiveness it should be liberally used on every farm.

Per barrel, about 275 lbs., $1.35; six barrels or more, $1.25 per barrel.

FERTILIZER INGREDIENTS.

For the benefit of those who want Fertilizers for special purposes, or for mixing with stable manure, we keep on sale ingredients that contain the elements to make complete fertilizers, viz: Nitrogen, Potash and Phosphoric Acid. The ingredients we sell contain these elements in most available form for plant food.

Nitrate of Soda. A natural product of the mines of Chili, South America. Contains sixteen per cent. Nitrogen, equal to twenty per cent. Ammonia. Send for special pamphlet giving full directions for use.....Price per 100 lbs., $3.50.

Kainit. A natural product of the mines of Germany, containing nearly thirteen per cent. pure Potash, also a large percentage of Magnesia, Sulphate of Lime and Salt. Mixed with stable manure, 1½ pounds per day for each animal will double the value of the manure, by preventing the waste of Nitrogen—Ammonia. Use 200 lbs. per acre. Kainit is put up in 200-lb. bags only.

Price per bag, $2.25; 5 bags or more, $2.00 per bag, or $19.00 per ton.

Mineral Phosphate. A highly concentrated phosphate, made from the deposits of the bones of sea animals. Contains from 38 to 43 per cent. of available Phosphoric Acid. Use 50 to 60 lbs. per acre.....Price, $3.50 per 100 lbs.

Briefly stated, the leading effects of the different fertilizer elements are as follows: Nitrogen (Ammonia) produces a vigorous growth of the plant, and is particularly valuable for all vegetable crops, and as a top dressing for grass. Potash and Phosphoric Acid increase the yield and quality of crop products, and should be used on all grain crops.

INSECTICIDES AND FUNGICIDES.

Copper Sulphate. For early spraying and making Bordeaux mixture. Per lb. 10c, 10 lbs. 80c, 100 lbs. $7.50.

Fir Tree Oil (soluble). It frees plants from nearly all insects to which they are subject, and for the following it has no superior. Mealy Bug, Scale, Red Spider, Aphis (black and green), Thrip, Blight Worms and Slugs; also a valuable remedy for animal parasites and insects. Dilute with soft or rain water. Sprinkle or spray on with Vaporizer.
½ pint 50c, pint 75c, quart $1.25.

Fir Tree Oil Soap. This article contains no poison, yet is quite effective in destroying Red Spider, Mealy Bug, Aphis, etc. It can also be used in the garden against potato bugs, cabbage worms, currant worms, black fly, etc.
½-lb. tin 25c, 2-lb. tin 75c.

Flour of Sulphur. Used to prevent and cure mildew on plants. 10c lb., 10 lbs. 60c.

Grape Dust. A non-poisonous powder for the remedy and control of mildew and rot on Grapes, Gooseberries, Roses, etc. Apply with bellows or powder gun.
Per lb. 10c, 5 lbs. 40c, 10 lbs. 70c.

Hellebore Powder White. For destruction of Slugs, Worms, Caterpillars, etc. Less poisonous than Paris Green and London Purple, and safer to use when fruit or vegetables are nearly ripe. ½ lb. 15c, 1 lb. 25c.

Lime (Cone's Prepared). It is thoroughly slacked; will not heat, swell or change, and is ready for immediate use for all purposes, same as common lime. Stored in a dry place it will keep in good condition until used. 3-lb. pkg. 10c, 3 pkgs. 25c.

Paragrene. This new insecticide is made by one of the largest manufacturers of Pure Paris Green. It combines all the effective properties of Bordeaux Mixture and Paris Green. It does much better work than Paris Green, covers twice the ground at one-half the cost and does not injure the foliage. The safest and quickest insecticide for destroying insects on Melon, Squash, Currants, Gooseberries and Potato vines.
½ lb. 15c, 1 lb. 25c.

Persian Insect Powder. A most effective non-poisonous impalpable powder—so fine that it penetrates the innermost crevices—for worms, flies, aphis and almost all kinds of insects. ¼ lb. 15c, 1 lb. 50c.

Paris Green. Warranted strictly pure.
¼ lb. 10c, ½ lb. 15c, 1 lb. 25c.

Slug Shot. A non-poisonous powder and a very popular insecticide—it requires no further mixing or preparation—easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Very effectual in destroying Caterpillars, Currant, Gooseberry and Cabbage Worms, Potato, Melon, Squash and Cucumber Bugs, Rose Slugs, Rose Lice, etc.
Per lb. 10c, 5 lbs. 30c, 10 lbs. 50c.

Tobacco Dust. (Pure.) A sure remedy for green fly, aphis, fleas, beetles, etc. Splendid fertilizer and preventative for insects in the ground and around roots. For worms and grubs in the soil, apply liberally to the surface and rake in, or strew thickly in the drills before planting.
5 lbs. 25c, 100 lbs. $3.00.

Tobacco Dust and Sulphur. Will prevent and cure mildew on grape vines and rose bushes. It will destroy the Green and Black Fly, Grubs, Cut Worms, Lice, Mealy Bug and the Red Spider. May be applied in powder or liquid form. If put on in powder the foliage should be wet, if in liquid the foliage should be dry. Per lb. 10c, 5 lbs. 30c.

Tobacco Soap, Pinner's. Manufactured from the essential oil of Tobacco for the destruction of all insects, parasites and their eggs. ½ lb. 25c, 1 lb. 40c.

Tobacco Stems. Used for fumigating plants to kill insects. Invaluable as a mulch for rose beds, lettuce beds, etc., where insects frequently do much injury to roots or foliage. Tobacco Stems have become an indispensable Lawn covering for winter. It not only acts as a protector, but imparts large quantities of ammonia and drives away insects and moles, which harbor in a lawn during winter. The best quality stems supplied. Per lb., 5c; barrel, $1.00; bales of about 125 lbs., $1.50.

Tobacco Extract Rose Leaf. A perfectly pure, highly concentrated extract of Tobacco, always uniform in strength of nicotine poison. Destroys green fly, mealy bug, thrip and red spider. Pint, 30c; quart, 50c; gallon, $1.50; 5 gallons, $5.00.

Whale Oil Soap. For destroying insects on plants, trees, vines, etc., for washing down the bark of trees, grape vines, etc.
½ lb. 10c, 1 lb. 15c.

ANTI-GRUB COMPOUND.

Anti-Grub Compound. Our attention has repeatedly been called to the fact that during the summer time large patches of our lawns die out without any apparent cause, and upon close and careful investigation we have found that this was largely caused by the Old White Grubs which destroy the young roots and shoots of the grass, with the result that the grass dies, and at the same time they exhaust the soil. To remedy this evil we have placed on the market a combination of chemicals that are intended to destroy the Grubs and also supplying a fertilizer calculated to cure sour land and prevent the growth of Moss and Fungii and supplying all necessary ingredients to produce a luxuriant growth of grass. This mixture has been largely used on our Cemeteries, Parks and Lawns this season with most gratifying results. Apply at rate of 200 to 300 lbs. per acre.
50 lbs., $1.50; 100 lbs., $2.50.

MUSHROOM SPAWN. (Champignon Brut, Ger.)

One pound will spawn about ten feet square. If ordered by mail, add eight cents per pound for postage.

MUSHROOMS.

TO CULTIVATE mushrooms successfully does not always require extensive experience. Some care is necessary, however, in the selection of materials, and in forming the beds; but the matter of securing and maintaining the proper temperature in the room and in the beds needs close attention, for success depends very much upon this point. Mushrooms may be grown in a great variety of situations—a dark room, cellar, stable or elsewhere. Any place in which an even temperature of about 50° to 60° can be kept is suitable. For material for the bed, use fresh horse manure, free from straw or chips, and good loamy soil. Some growers use the manure unmixed with loam, after first having well fermented it by alternately piling up and mixing for a few weeks; but it is undoubtedly better not to allow the manure to heat much before forming a bed. Use one-fourth to one-third loam, the rest manure. Mix very thoroughly; and upon a dry, firm bottom make the bed of this mixture, about four feet wide and of any desired length. Build it up evenly, press it down very firmly, and leave it about a foot high. It will shortly begin to heat. Use a thermometer to thrust into the bed and note the temperature. When the heat has partially subsided, leaving a temperature of 80°, put in the spawn. Pieces from the size of walnuts to that of eggs are placed in the bed about a foot apart, deep enough to cover them well, and the manure pressed down. Let it remain thus ten or twelve days, then cover with two inches of fresh loam, and make this moderately firm. The bed is finished by covering all with four or five inches of straw or other litter. Watering is not necessary, unless the surface of the bed gets very dry; in this event moisten freely with water at a temperature of about 90°. In gathering the crop, do not cut, but twist them off carefully, filling up the holes with loam to keep insects from the roots. In six or eight weeks from spawning the beds, mushrooms should appear.

Our Celebrated English Milltrack Mushroom Spawn (made by the best maker in England especially for our trade) has gained an enviable reputation among critical growers for its uniform good quality and can be thoroughly relied on to produce a good crop of the best mushrooms.
15c per lb.; $1.00 for 10 lbs.; $9.00 per 100 lbs.

French Mushroom Spawn ....35c per lb.

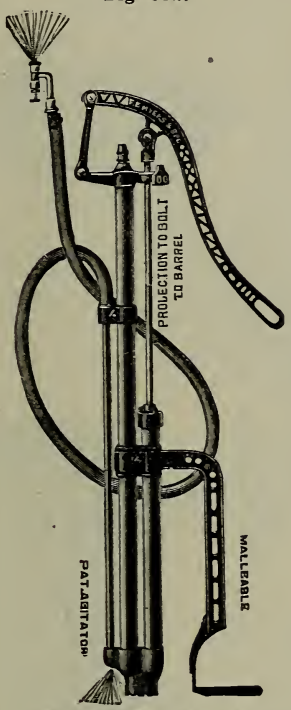
SPRAY PUMPS.

THESE spray pumps are constructed entirely of brass, a material that is not affected by the poisonous arsenites used in different formulas for spraying fruit trees, vines and shrubbery. They are so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up. The effect of this operation while pumping is to hold the pump down. The foot rest steadies the pump, holding it in proper position.

They are provided with a large air chamber, and have ball valves; the pressure is held uniformly in the air chamber and on the hose, so that the nozzle throws a continuous spray, and is not affected by the movement of the plunger. The operator is enabled to keep a constant pressure on the nozzle of from 50 to 100 lbs. with very ordinary exertion. Will throw a solid stream 50 feet, and are of unusual value for washing windows, buggies, and extinguishing fires, sprinkling lawns, flowers, etc. For spraying are arranged so as to discharge a fine jet in the bottom of the bucket to keep the solution thoroughly mixed and agitated, a feature peculiar to these pumps only, and a very necessary feature to a spray pump. The pumps are also provided with a sprinkler for flowers.

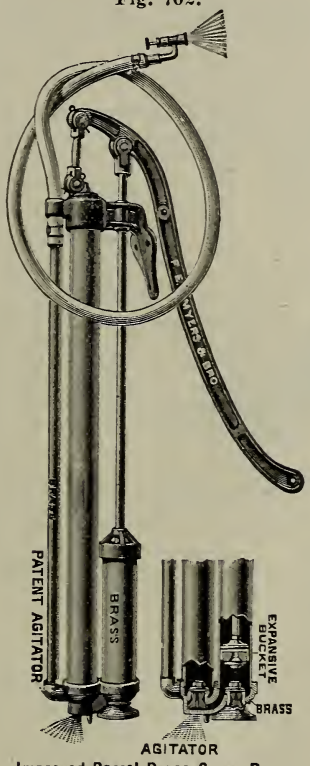
We advise spraying on clear, bright days late in the Fall and during the Winter, because a stronger solution can be used while trees are dormant, and the San Jose Scale and all other insects can be destroyed more readily than can be done when trees are in foliage.

Fig. 632.



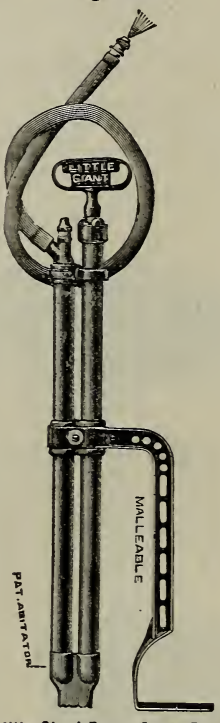
Lever Bucket Brass Spray Pump.

Fig. 702.



Improved Barrel Brass Spray Pump.

Fig. 639.



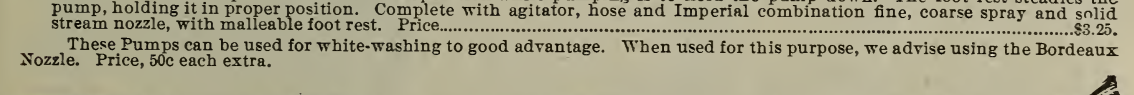
Little Giant Brass Spray Pump.

Lever Bucket Brass Spray Pump.—It has all the advantages of the ordinary barrel bump and bucket pump combined, and is sold at a moderate price. Has one-half more air chamber than any other make of bucket pump. Is made of brass with ball valves; handle and foot rest are malleable iron. The work is all done on the down stroke of the handle, and it can be operated with one-third the power required for any other old style bucket spray pump. When used as a barrel pump, detach the foot rest and attach pump to top of barrel. Lever Bucket Brass Spray Pump, with agitator, complete with hose and graduating Vermorel fine, coarse spray and solid stream nozzle, also sprinkler. Price.....$4.00.

Improved Barrel Brass Spray Pump.—Improved Barrel Brass Spray Pump, complete with 5 feet of ½ inch three-ply discharge hose and Myers' graduating Vermorel nozzle. Price.....$6.00.

Little Giant Brass Spray Pump—Is so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up. The effect of this operation while pumping is to hold the pump down. The foot rest steadies the pump, holding it in proper position. Complete with agitator, hose and Imperial combination fine, coarse spray and solid stream nozzle, with malleable foot rest. Price.....$3.25.

These Pumps can be used for white-washing to good advantage. When used for this purpose, we advise using the Bordeaux Nozzle. Price, 50c each extra.



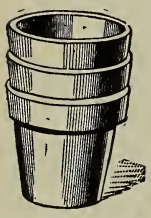
PIPE EXTENSIONS.

This article seems to be so generally misunderstood that we wish to call particular attention to it. You will readily understand that a fine mist spray cannot be thrown over twelve to fifteen feet, and it is positively necessary that an 8 foot pipe extension be used with each spray pump. By this means the water is carried solid to a distance of ten feet and sprayed from that point, which enables the user to reach the highest tree.

In addition to the above we handle several other styles of Spray Pumps, including Hydraulic Spray Pumps, Double Acting Barrel Spray Pumps, etc. Send for our Special Catalogue.

FLOWER POTS AND SAUCERS.

Our Flower Pots and Saucers are standard make of extra fine finish, and bear shipping well. No charge for packing.



FLOWER POTS.

	DOZ.	PER 100
2-inch	15c.	$0 80
2½ "	20c.	1 00
3 "	25c.	1 25
3½ "	25c.	1 50

	EACH.	DOZ.	PER 100
4-inch	5c.	30c.	$1 75
5 "	5c.	40c.	2 50
6 "	5c.	55c.	4 00
7 "	8c.	80c.	6 00

	EACH.	DOZ.	PER 100
8-inch	12c.	$1 25	$8 00
9 "	15c.	1 50	12 00
10 "	20c.	2 25	
12 "	40c.	4 50	

SAUCERS.

	EACH.	DOZ.	PER 100
4-inch		25c.	$1 50
5 "		30c.	2 00
6 "	5c.	40c.	2 50

	EACH.	DOZ.	PER 100
7-inch	5c.	45c.	$3 00
8 "	7c.	60c.	4 50
9 "	10c.	75c.	5 50

	EACH.	DOZ.
10-inch	10c.	$0 90
12 "	15c.	1 50

ROUND LILY PANS.

These are the same style as our standard pots, but not so deep, and are suitable for Cacti, Begonias, Tulips, etc.

	EACH.	DOZ.
5-inch	5c.	$0 50
6 "	7c.	75

	EACH.	DOZ.
8-inch	12c.	$1 25
10 "	20c.	2 00

	EACH.	DOZ.
12-inch	30c.	$3 25

FIBROTTA SAUCERS.

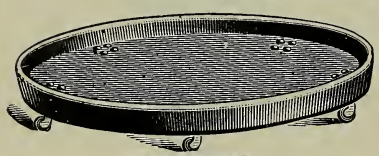
Made of Indurated Fibre; no moisture goes through to injure table, floor or carpet, light and not easily broken; far cheaper in the end and better every way than earthen ware.

SIZE.	EACH.	DOZ.
4-inch	7c.	70c.
5 "	7c.	75c.
6 "	8c.	80c.
7 "	8c.	85c.

SIZE.	EACH.	DOZ.
8-inch	10c.	$0 90
10 "	10c.	1 10
12 "	12c.	1 30
14 "	20c.	1 80

Fibrotta Saucers.

FIBROTTA ROLLING STANDS.



Plant Truck.

For heavy plants and Palms; will not soak or rust. Casters have ball bearings and have hardwood rollers. Every heavy plant sold needs one to save carpets and floors and to enable carpets and floors to be readily cleaned. The rolling stands all have heavy deep saucers, and will carry all the weight usually put in large pots for Palms, Rubber Plants.

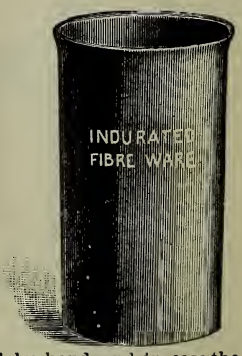
12 inches diameter,	3	Casters	60c.	18 inches diameter,	4	Casters	$1 00
14 " "	3	"	70c.	20 " "	4	"	1 25
16 " "	4	"	90c.	22 " "	5	"	1 50

Florist's Vases for Displaying Cut Flowers.

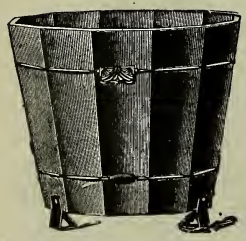
Made of Indurated Fibre; used now in immense quantities all over the country.

NO.	DIAM.	DEPTH.	EACH.	DOZ.
0	8 inches.	13 inches.	40c.	$4 80
1	5½ "	10 "	35c.	4 20
2	4½ "	9 "	30c.	3 60
3	4 "	6 "	25c.	3 00
4	3 "	4½ "	20c.	2 40

NO.	DIAM.	DEPTH.	EACH.	DOZ.
00	9 inch.	22 inches.	75c.	$9 00
11	5½ "	18 "	45c.	5 40
22	4½ "	15 "	40c.	4 80
33	4 "	12 "	35c.	4 20
44	3 "	9 "	30c.	3 60



Columbia Flower Tubs,



The Tubs are made of the best cypress lumber, which will keep for years without rotting. They are made of twelve staves in tapered shape, held together by two heavy steel wires, which are connected with substantial iron handles, and are so arranged that the wire can be tightened or loosened by simply turning nut on handle. The handle itself is so constructed that the tub can be lifted by hand, and in case the plants are heavy, sticks can be inserted in handle, thereby allowing all weights to be lifted with perfect safety.

12 inches in diameter by	11	inches high					$1 00
15 " "	"	" 14	"	"			1 50
18 " "	"	" 16½	"	"			2 00
21 " "	"	" 18½	"	"			2 50
24 " "	"	" 20½	"	"			3 00

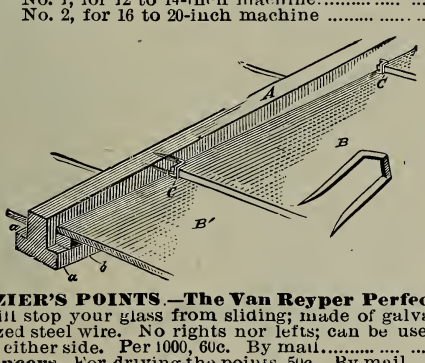
Union Cypress Flower Tub.

An excellent new tub, cheap, neat and durable. Made from ⅞-inch Cypress, with iron handles, iron feet 3 iron hoops and 2 coats of green paint.

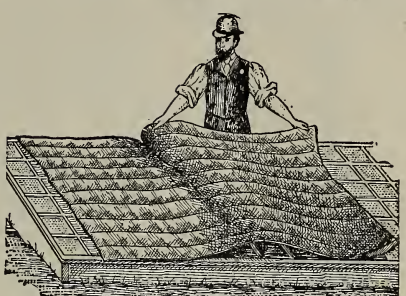
No. 1—13	inches diameter,	11	inches high				$0 70
No. 2—14½	" "	"	13	"	"		1 00
No. 3—16	" "	"	15	"	"		1 25
No. 4—20	" "	"	18	"	"		2 00
No. 5—24	" "	"	21	"	"		2 50

HORTICULTURAL TOOLS AND SUNDRIES.

BARROWS, GARDEN.—No. 2, Small $2.75
" " No. 3, Medium 3 00
" " No. 4, Large 3.50
" **RAILROAD.**—Patent wheel and bolted. 1.75
Bill Hooks ..... 7 inch, $1.25; 9 inch, 1.75
BELLOWS.—Woodason's Large double cone 3 25
" " Single cone, small 1.00
" " Single cone, large 2.00
" " Liquid spraying, small .. 1.50
" " Liquid spraying, large .. 2 00
" " Special sulphur 1.50
Bee Smokers, Clark Smoker 50
" " Cornell Cold Blast 75
" " Crane " " 1.25
Add 25c to each Smoker if to be sent by mail.
Canes 7 to 9 feet long, for plant stakes, per 100 75
Dibbles For transplanting plants 50
Edging Knife. For cutting the edges of walks and beds 50
Forks.—Digging or Spading 85
Manure Cast steel, oval, 4-tine 70
Hand-Weeding. 15c and 35c. (By mail 10c each extra).
Hand-Weeding. Imported, 50c. (By mail, 60c).
Fruit Pickers. Wire ..... No. 1, 25c; No. 2, 30
FUMIGATOR.—Perfection. Made with water tank, which prevents overheating; the vapor assists in the destruction of insects.
No. 1. Capacity 8 quarts 3 00
No. 2. " 16 " 3 75
No. 3 " 24 " 4 50
Garden Reels. Iron, painted 75
" **Lines.** About 200 feet 30
Gooseberry Pruner. For thorny bushes 1 00
Grafting Wax. ¼ lb., 10c.; ½ lb., 15c.; 1 lb., 25c. (By mail add 15c. per lb.)
Grass Hooks. American, plain back 30
" " English, riveted back 50
GRASS CATCHER.—The Triumph. Is made of strong canvas; gathers all the Grass and can be adjusted to any machine in a moment.
No. 1, for 12 to 14-inch machine 60
No. 2, for 16 to 20-inch machine 75



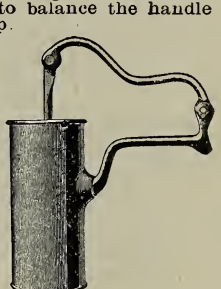
GLAZIER'S POINTS.—The Van Reyper Perfect. Will stop your glass from sliding; made of galvanized steel wire. No rights nor lefts; can be used on either side. Per 1000, 60c. By mail 75
Pincers. For driving the points, 50c. By mail 60
GUNS, INSECT POWDER.—Cyclone 10
" " " **Jumbo** 20
HOES.—Standard Socket Garden 40
Ladies' Light Garden 30
Crescent Scuffle 7-inch, 45c.; 9 inch 50
Onion. One end square; opposite end 1 prong 25
Onion. One end square; opposite end 2 prongs 30
Onion Extra Heavy; one end square; opposite end 5 prongs 40
Grubbing. With handle 60
Hercules and Double Shank. Gold-bronze, 6-inch and 6½-inch, 35c.; 7½-inch and 9-inch 40
Perrine Patent. Double shank and curved blade, 6½-inch 40
HOSE, RUBBER.—In 50 feet lengths.
Standard Grade, 3-ply, ¾ inch. 12c per foot.
" " 4 " ¾ " 14c "
High Grade 3 " ¾ " 14c "
" 4 " ¾ " 16c "
" **Reel.** Wooden 75
" **Nozzle—Gem.** Throwing all variations from fine spray to stream for ¾-inch hose 50
" **Menders.** Iron, 5c. each; 50c. doz.
" " Wooden, 4c. each; 40c. doz.
" **Couplings.** 10c. each; $1.00 doz.
Hot Bed Sash, Unglazed. Made from strictly clear cypress lumber, and warranted perfect. White lead used on the tenons, and Iron Dowell Pins at the corners.
No. 1—3x6 ft., 3 Rows 10-inch Glass, $1.35 each; $14.50 doz.
No. 2—3 ft. 3 in. x 6 ft., 4 Rows, 8-inch Glass, $1.45 each; $16.00 doz.
No. 3—4x6 ft., 5 Rows, 8-inch Glass, $1.70 each; $18.00 doz.



Hot Bed Mats, Strong Burlap Indestructible, cheap and warm. These are made of Strong Burlap, warmly lined with waste wool and cotton which is quilted to hold in position. Warmer than straw and more easily handled. Do not retain moisture, freeze, rot, mildew or harbor vermin as straw does.
Burlap Mats 76x76 inches ..... Price, $1 25 each.
Waterproof Duck Mats. 76x76 inches.... Price, 1 75 each.
Hot Bed Mats, Bass. For covering hot beds and tying plants. 50c. each.
KNIVES.—Pruning ..... $1.25 to $2.00
Budding ..... 1 00 to 1.75
Asparagus. American 40
Potato. Concave, for cutting seed potatoes, 25c. By mail 30
LABELS.—For pots, painted, 4-inch, per 100 15
Per 1000 ..... 1.00
5-inch, per 100 20
Per 1000 ..... 1.15
6-inch, per 100 20
Per 1000 ..... 1.25
LABELS—Tree Notched. Copper wired, per 100 ... 20
Per 1000 ... 1.20

Lawn Roller.

Lawn Rollers. The Cylinders or Sections are clean, smooth castings, made to run close together, and yet revolve independently, thus doing better work. Weights are attached to the axle to balance the handle and hold it up.
No. 1—2 Section, 15 in. long and 15 in. in diameter, weight about 125 pounds $6.00
No. 2—2 Section, 24 in. long and 20 in. in diameter, weight about 300 pounds $11 50
Mastica, for Glazing Greenhouses. The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. With "Mastica" can be in or use outside, with a machine Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 300 running feet (one side).
½ gal., 70c; 1 gal., $1.25.


Mastica Machine.

Mastica Glazing Machine (see cut) $1.25

The Little Giant Mole Trap Beats Them All.

LITTLE GIANT MOLE TRAP.

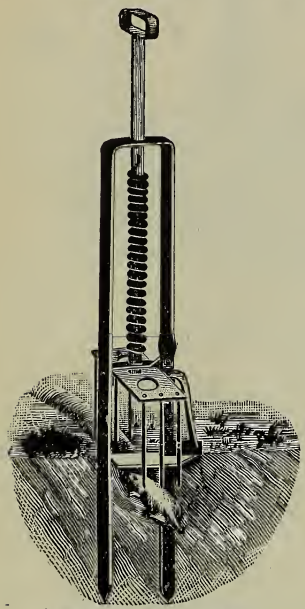
It has a steel post 24 inches long allowing 15 inches to be driven into the ground if necessary. The trap is adjustable by sliding it up or down on the post for hard or soft ground. Self setting by pressing down on lever—very convenient features found on no other trap. Simple and durable in its construction

Directions for Setting Trap.

Close the run-way; push the post into the ground until solid; press the needle down until the trigger strikes the ground; tighten the thumb screw and then draw the lever until it catches the trigger and the trap is set.

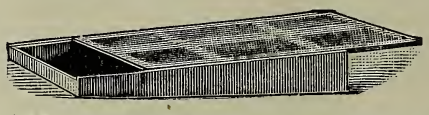
MOLE TRAP.—Little Giant. Best Trap on the market $0.85
" " **Reddick.** A first-class Trap 75
" " **Isbell** 1.00
" " **English** 40

Horticultural Tools and Sundries.—Continued.



Reddick Mole Trap.

Oil, Lawn Mower. Per can $0 20
POST HOLE DIGGER.—Champion 75
Post Hole Auger. The best for light or clay soil, 7½-inch, $1 25; 9-inch 1.35
PRUNERS.—Telegraph Tree. To use on a pole 1.00
Waters' Tree Pole 4 ft., 70c.; 6 ft., 80c.; 8 ft., 90c.; 10 ft., $1.00; 12 ft., $1.10.
Extra knives, 25c. By mail, 30c.
Pruning Hooks. 14 inches 1 00
Saw and Chisel. With socket 1.00
POTATO HOOKS. 4 tine 50
PUMPS.—Hand Force. Little Giant, brass, fine, coarse and solid stream nozzle, with malleable foot rest 3.25
Eight foot pipe extensions, each 40
" **Excelsior Fountain.** Brass, with stream and spray nozzle 5.00
PUTTY BULB. A useful tool, for applying liquid putty and glazing greenhouses, $1.00. By mail 1.10



PLANT BED CLOTH.—A cheap substitute for glass, answering many uses equally well. Light and easily shipped. It is of stout, tarred muslin that sheds water; protects against weather, etc.
" " " **Light Grade.** Per yard $0.06
" " " **Medium Grade.** Per yard 10
" " " **Heavy Grade.** Per yard 12
RAFFEA. For tying plants. Per pound, 30c. By mail 40
RAKES.—Steel Garden. 8-tooth, 30c.; 10-tooth, 40c.; 12-tooth, 45c.; 14-tooth, 50c., 16-tooth, 60c.
Automatic Self Cleaning. Made of best hickory; 26 teeth 60
Gem Wire Lawn 45
Wooden Lawn. 20 teeth 30
Lawn King 22 teeth 35
Coldwell's Lawn and Scarifying 50

SAWS.—Pruning. 16-inch, 60c.; 18-inch $0.75
" **Pruning. Double Edge** 75
SCISSORS.—Vine. German, for thinning grapes 50
" " English, for thinning grapes, 6-inch, $1.00; 7-inch 1 25
" **Bow.** Pocket pruning, small, 50c. large 1.25
" **Flower Gatherers.** English, for holding the flowers. Small size, 50c. large size 1 25

SCYTHES.—American, 90c.,
American. Weed or bush, 90c.
English Lawn. 30 to 36 inches, $1.25 to $1.75
Scythe Snathe, Peerless, 75c.
Stones. Flat, 5c. round, 10c

SEED TRYERS.—Steel-pointed pocket, nickel-plated, with cap, by mail, $1.25.
Large, for sampling Orchard Grass, Blue Grass Coffee, etc. By mail, $1.75.
SILKALINE.—For stringing smilax, etc. Fast green color; will not fade or break. 2 oz. Spool, 20c

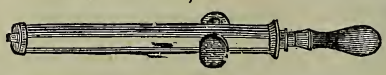
Grass Shears.

SHEARS. Garden or Hedge. English, Short handle, 8-inch, $1.75; 9-inch, $2 00; 10-inch, $2 00.
Hedge, With Notch, 8-inch, $2.25; 9-inch, $2 50; 10-inch. $2 75.

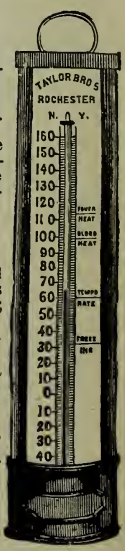
SHEARS.—Grass. For trimming grass on edges and around flower beds $0 50
Hand Pruning ..... 35c.; 50c.. to 2.50
SHOVELS.—Ames'. Square point 1.10
Hadwin. Square point 85
SPADES.—Ames'. Steel, polished 1.25
Hadwin. Steel, polished 85
SPRINKLER, RUBBER.—Scollay's. Indispensable for floral work and window gardening. Large size, $1 00; by mail, $1.10,

SPRINKLERS, RUBBER.—Akron. With hard rubber tips. 6 oz., 55c.; 8 oz., 65c.; 10 oz., 75c.
By mail. 10c. each extra.
SYRINGES.—Brass. American Improved.
No. 10.—Barrel, 18 in. long, 1½ in. diameter, 2 spray roses, with patent valves and jet $5.25
No. 11.—Barrel. 18 in. long, 1½ in. diameter, 2 spray roses and jet $4.50
No. 12.—Barrel. 14 in. long, 1 in. diameter, 2 spray roses and jet $3 25
No. H.—Barrel, 16 in. long, 1½ in. diameter, with spray rose $2 50
THISTLE OR DOCK CUTTERS, 50c.
TINFOIL.—Strictly first-class.
Florist's Foil Will run more sheets to the pound than any other make. Per lb., 15c.

Scollay Sprinkler.



TROWELS.—English. Solid shank, polished, 5-inch, 50c.; 6-inch, 60c.
American. 6-inch, 10c.; 7-inch, 15c.
Cleves Angle. 5-inch, 25c.; 7-inch, 30c.
If by mail 10c. each extra.
WATERING POT.—Galvanized. Made from best quality iron, and heavily galvanized. Two roses with each pot for fine and coarse watering. 8-quart, $2 00; 10-quart, $2.35; 12-quart, $2.75.
THERMOMETERS. Japanned, Tin Case.
Common Grade. 8-in., 15c.; 10-in., 20c.
Medium Grade. 8-in., 50c ; 10-in., 60c.
Standard Grade. Made with seasoned tubes graduating in single degrees; tubes mounted by clasps, on heavy metal; very accurate.
8-in., 65c ; 10-in., 75c.; 12-in., $1.00.
Hot Bed or Mushroom; $2.00.



WEEDERS —Cleveland Lawn. The best and simplest Weeder. Removes the weeds without disturbing the sod or disfiguring the lawn, 50c.
Hazeltine. One of the best, solid steel, good size and durable. 25c. By mail, 30c.
Excelsior. A very useful little tool, for weeding seed beds, stirring the ground, etc., 10c. By mail, 15c.
Lang's. Allows use of hand in working 25c. By mail. 30c.
Noyes, Hand, 25c. By mail, 30c.

CONDENSED LIST OF

POULTRY SUPPLIES.

PRICES SUBJECT TO CHANGE.

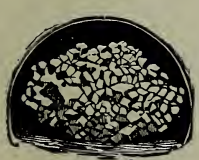
For full description of the various Poultry Supplies we handle, send for Special Catalogue of Poultry Supplies, Incubators and Brooders.

RUST'S HAVENS' ROUP PILLS.

Price, 25c per box of 48 pills.

RUST'S EGG PRODUCER.

One lb. box, 25c; 2½ lb. box, 50c; 6 lb. box, $1.00; 10 lb. box, $1.50; 25 lb. keg, $3.50. If by mail, add 16 cents per pound for postage.



MICA CRYSTAL GRIT.

MICA CRYSTAL GRIT.

5 lbs., 10c; 100 lbs., 90c.

CRUSHED OYSTER SHELL. 5 lbs., 10c; 100 lbs. 75c.

GRANULATED BONE. Per lb., 5c; 6 lbs., 25c; 13 lbs., 50c; 100 lbs., $3.00.

FINE GROUND BONE. Per lb., 5c; 6 lbs., 25c; 13 lbs., 50c; 100 lbs., $3.00.

PULVERIZED CHARCOAL. Per lb., 5c; 6 lbs., 25c; 50 lbs. $1.50; 100 lbs., $2.50.

RUST'S HAVENS' CLIMAX CONDITION POWDERS.

Price, 13 oz. package, 25c. If sent by mail, 15c extra for postage. 2 lb. package, 50c; 5 lb. box, $1.00.

PIONEER CLOVER MEAL.

Per lb. 5c: 6 lbs. 25c; 50 lbs., $1.00.

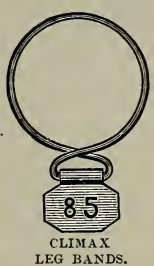
CUT CLOVER.

Per lb. 5c; 6 lbs., 25c; 50 lbs., $1.00.

NEST EGGS.

China.

5c each, 25c per dozen. If by mail, add 20c per dozen extra.



CLIMAX LEG BANDS.

CLIMAX LEG BANDS.

Prices Postpaid—Per dozen, 25c; 25, 40c; 50, 75c; 100, $1.35.

SANITARY DRINKING FOUNTAINS.

	each.	doz.
1 quart size.....	15c	$1.50
2 " "	20c	2.00
4 " "	30c	3.00

SANITARY DRINKING FOUNTAIN.

PRATT'S POULTRY FOOD.

Price, 26 oz. size, 25c; 5 lb. size, 60c; 12 lb. bag, $1.25. If by mail, add 16 cents per pound for postage.

BAUM'S POULTRY FOOD.

Price, 2 lb. box, 25c; 4½ lb. box, 50c.

SPRATT'S PATENT POULTRY FOOD.

Spratt's Patent Chick Meal. } Per lb., 10c; 3 lbs. 25c; 10 lbs. 75c; 50 lbs. $3.00; 100 lbs. $5.50.
" " Poultry " }
" " Pheasant " }
" " Game " }

" Ground Meat, 5c per lb.; 6 lbs. 25c; 13 lbs. 50c; 50 lbs. $1.75. 100 lbs. $3.25. If by mail, add 16c per lb. for postage.

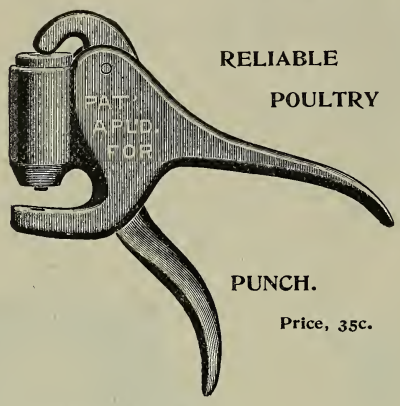
DARLING'S MEAT MEAL. Per lb. 5c; 6 lbs. 25c; 13 lbs. 50c; 50 lbs. $1.25; 100 lbs. $2.25.

DARLING'S CONCENTRATED MEAL. Per lb. 5c; 6 lbs. 25c; 13 lbs. 50c; 50 lbs. $1.25; 100 lbs. $2.25.

DARLING'S PURE BONE MEAL. Per lb. 5c; 6 lbs. 25c; 13 lbs. 50c; 50 lbs. $1.25; 100 lbs. $2.25.

LEE'S LICE KILLER. Per quart, 35c; half gallon, 60c; gallon, $1.00.

POULTRY SUPPLIES—Continued.



RELIABLE POULTRY PUNCH.

Price, 35c.

AMERICAN POULTRY FOOD.
Per lb., 5c; 6 lbs., 25c; 13 lbs., 50c; 50 lbs., $1.00; 100 lbs., $1.50.

HULLED OATS.
Per lb., 5c; 6 lbs., 25c; 13 lbs., 50c; 50 lbs., $1.25; 100 lbs., $2.00.

BEEF SCRAPS.
Per lb., 5c; 6 lbs., 25c; 13 lbs., 50c; 100 lbs., $2.50.

KAFFIR CORN.
Per lb., 5c; 10 lbs., 25c; 100 lbs., $1.25.

SUN FLOWER SEED.
Per lb., 10c; 3 lbs., 25c; 10 lbs., 50c; 100 lbs., $3.50.

BUCKWHEAT.
Per lb., 5c; 6 lbs., 25c; 50 lbs., $1.25; 100 lbs., $2.00.

BARLEY.
Per lb., 5c; 6 lbs., 25c; 50 lbs., 85c; 100 lbs., $1.50.

CANE SEED.
Per lb., 5c; 6 lbs., 25c; 50 lbs., $1.25; 100 lbs., $2.00.

CORN—White and Yellow.
5 lbs., 10c; 50 lbs., 75c; 100 lbs., $1.25.

CRACKED CORN.
5 lbs., 10c; 50 lbs., $1.00; 100 lbs., $1.50.

HEMP SEED.
Per lb., 10c; 3 lbs., 25c; 50 lbs., $2.25; 100 lbs., $3.50.

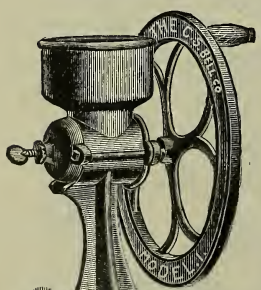
MILLET SEED.
Per lb., 5c; 6 lbs., 25c; 50 lbs., $1.00; 100 lbs., $1.75.

MILLET SEED—Pearl.
Per lb., 5c; 6 lbs., 25c; 50 lbs., $1.50; 100 lbs., $2.50.

OATS—White or Mixed.
5 lbs., 10c; 50 lbs., $1.00; 100 lbs., $1.50.

WHEAT.
Per lb., 5c; 6 lbs., 25c; 50 lbs., $1.00; 100 lbs., $1.75.

THE MODEL GRINDING MILL.



MODEL GRINDING MILL.

An Improved Hand Power Grinding Mill of new and elegant design, compactly made of strong and durable metal.

They are intended to grind all kinds of grain, dry bone, shells, roots, barks, salt, etc.

The primary object of these Mills is to grind all kinds of feed for chickens and other domestic fowls and animals.

They are also found to be invaluable to prepare cracked wheat, graham flour and corn meal for table use and for these purposes alone will pay their cost in a short time and give a pure unadulterated food.

They are easily adjusted to grind fine or coarse without the use of wrench or other tools. The Buhrs are made of Steel-Alloy Metal and the most durable grinding surfaces made.

No.	Height.	Width.	Wheel.	Weight.	Price.
1	13	8¼	12¼	20 lbs.	$2.50
2	16	9½	16½	35 lbs.	5.00
3	18½	12¼	19¾	63 lbs.	7.50

LAMBERT'S DEATH TO LICE.

Powder.

5 oz. package, 10c; 15 oz. package, 25c; 48 oz. package, 50c; 100 oz. package, $1.00.

EYRIE SHIPPING EGG BOX.

Price—1 Sitting 15 eggs, 15c each; $1.25 per doz.
" 2 " 30 " 20c " 1.80 "

CONE'S PREPARED LIME.

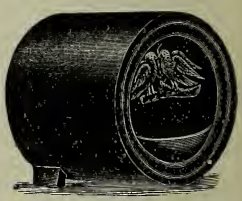
3-lb. pkg., 10c; 3 pkgs., 25c.

MANN'S GREEN BONE CUTTER.

	Factory Price.	*Net Cash Price.*
No. 1 B. With Balance Wheel	$10 00	$ 8 00
No. 1 B. M. With Balance Wheel, mounted on Iron Stand	13 00	10 50
No. 4 B. With Balance Wheel	15 00	12 00
No. 4 B. M. With Balance Wheel, mounted on Iron Stand	18 75	15 00
No. 2. Standard Bone Cutter, with Balance Wheel mounted on Iron Stand	23 00	18 50

PRICES ON LARGER SIZES ON APPLICATION.

MANN'S GREEN BONE CUTTER.



PAUL'S DRINKING FOUNTAIN.

PIGEON SUPPLIES.

Prices Subject to Change.

PIGEON PEAS.—Per half bushel, 70c; per bushel, $1.25; full bag lots or over, $1.20 per bushel.

VETCHES.—10c per lb.; 4 lbs., 25c; 10 lbs., 50c; 50 lbs., $2.25; 100 lbs., $4.25.

TICK BEANS.—10c per lb.; 3 lbs., 25c; 10 lbs., 75c; 50 lbs., $3.25; 100 lbs., $6.00.

YELLOW PIGEON CORN.—5c per lb.; 6 lbs., 25c; 13 lbs., 50c; 50 lbs., $1.50; 100 lbs., $2.00.

PIGEON GRITS.—5 lbs., 10c; 100 lbs., 90c.

KAFFIR CORN.—Per lb., 5c; 10 lbs., 25c; 100 lbs., $1.25.

ROCK SALT.—5 lbs., 10c; 50 to 100-lb. lots, 1c per lb.

NEST PANS.—10c each; $1.00 per dozen.

PAUL'S DRINKING FOUNTAIN.—Half gallon, 25c; 1 gallon, 35c; 2 gallons, 50c.

STOCK SUPPLIES.

Prices Subject to Change.

PRATT'S FOOD FOR HORSES AND CATTLE.
7 lb. pkg., 50c; 12 lb. bag, 75c; 8-12 lb. bags, $5.50.

PRATT'S ANIMAL REGULATOR.
25c and 50c per package.

RETSOF ROCK SALT FOR STOCK.
Per 100 lbs., 75c; 500 lbs., $3.00; 1,000 lbs., $5.00; 2,000 lbs., $9.00.

COTTON SEED MEAL.
Per bag of 100 lbs., $1.50; 10 bags, $14.00; 20 bags, $26.00.

OLD PROCESS LINSEED, OR OIL CAKE MEAL.
Per bag, $1.60; 10 bags, $15.50; 20 bags, $30.00.

SPECIAL MIXTURES OF GRASSES FOR LAWNS, Golf Links, Putting Greens AND TERRACES.

McCullough's Lawn Grass for Shady Places. On nearly all lawns there are shaded, bare and unsightly spots on which the owners have difficulty in getting a stand of grass; for such places this mixture is adapted. It is composed of dwarf-growing grasses which are found naturally growing in such places. Should the ground have become "sour" or drainage defective, it is apt to be covered with moss. If such is the case apply some lime or land plaster to sweeten it, but the moss should first be removed by the use of a sharp rake, then sow the seed at the rate of 4 bushels (64 lbs.) per acre

Prices: 1 lb. 40c; 5 lbs. $1.50; 1 bu. of 16 lbs. $4.50. By mail 10c per lb. extra.

McCullough's Golf Link Grass Seed. We have given much attention to grasses for *Golf Links*. The mixtures we offer below are composed of such varieties as will thrive here, and are the result of experiments conducted on our grounds, as well as careful watching for several years of the practical results obtained on the Golf Links.

We have always on hand all the natural grasses of Europe and America, and we are familiar with the habits and merits of each. We shall be glad to prescribe for whatever the **requirements** of the Links may be for poor land or rich, high and dry, or low and wet.

Putting Green Mixture. A mixture of extra fine grasses that will make a close, firm, green and lasting turf which will improve the more it is trampled upon. **Per lb. 30c; 5 lbs. $1.40; 1 bu. of 16 lbs. $4.00.** By mail 10c per lb. extra.

Golf Link Mixture. For the grounds in general.

Per lb. 20c; 5 lbs. 80c; 1 bu. of 16 lbs. $2.25. By mail 10c per lb. extra.

McCullough's Terrace Mixture. There is nothing more annoying than to have ground washed out. In this mixture we have put quick growing and deep-rooted grasses. Of course it depends a great deal on this being well started before a wash-out.

Per lb. 30c; 5 lbs. $1.40; 1 bu. of 16 lbs. $4.00. By mail 10c per lb. extra.

McCullough's Suburban Lawn Grass Seed. See last page of cover.

Other Seasonable Grass Seeds.

Kentucky Blue Grass (Poa Pratensis). Also called June Grass, Smooth Stalked Meadow Grass, Green Meadow Grass, and Spear Grass. Perennial. Height, 10 to 15 inches. This valuable grass is suited to a variety of soils, from an average dry one to moist meadows, and as a pasture grass is indispensable. It is very productive, unusually early, and presents a beautiful green appearance in early spring, while other grasses are yet dormant. It makes a splendid lawn grass, forming a thick turf, and being of very even growth, producing only one flowering stem a year, while many other grasses continue to shoot up flower stalks throughout the season. Kentucky Blue Grass also makes hay of excellent quality, but the yield for this purpose is not equal to some other grasses. Sow (if alone) 40 lbs. per acre; weight per bushel, 14 lbs.

Price, Fancy Clean Seed, 15c lb , $1.20 for 10 lbs., $10.00 per 100 lbs.; Extra Clean Seed, 10c lb., 70c for 10 lbs.

Red Top Grass (Agrostis Vulgaris, Herd's Grass, Bent Grass, Creeping Bent Grass, Quick Grass). Perennial. Height, 1 to 2 feet. Valuable either for lawn mixtures, mixing in hay or permanent pasture grasses; is common throughout the country; succeeds almost everywhere, but reaches its highest state of perfection in a moist, rich soil, in which it attains a height of 2 to 2½ feet. Sow (if alone) 45 lbs. per acre. Weight, 14 lbs. per bu. 10c lb., 80c for 10 lbs., $7.00 per 100 lbs.

Fancy Pure Seed. Weight about 32 lbs. per bushel. Sow 10 to 12 lbs. per acre. 15c lb., $1.40 for 10 lbs., $12.00 per 100 lbs.

Timothy (Phleum Pratense, Herd's Grass, Cat's-tail Grass). This grass stands at the head for meadows. Never use less than one peck to the acre, then up to one-half bushel, as to circumstances. Market price.

Meadow Fescue (Festuca Pratensis). (Erroneously called English Blue Grass). A highly valuable species for permanent grass land. It does not, however, attain its full productive power till the second or third year, when it far exceeds most other sorts in quantity of its produce and nutritive matter. It is relished by live stock, both in hay and pasture and is one of the most desirable permanent grasses for general culture. 40 lbs. to the acre. Weight, 24 lbs. per bushel.

20c lb., $1.80 for 10 lbs.

Perennial, or English Rye Grass (Lolium Perenne, Rye Grass, Imported English Blue Grass). Height, 15 to 24 inches. This grass is considered invaluable for permanent pastures. It produces an abundance of remarkably fine foliage, tillers out close to the ground, and soon forms a compact sward. After being cut it grows up in a very short time, and remains bright and green throughout the season; it, consequently, is well adapted for lawn mixtures. It is also a good variety for hay, if cut when in blossom, as it is then most nutritious. Sow (if alone) 65 lbs. per acre. Weight, 24 lbs. per bushel. 10c lb., 80c for 10 lbs., $7.00 per 100 lbs.

Mixed Grasses for Special Purposes.

Under this head we are prepared to furnish seeds adapted to all soils and all situations and for all purposes, composed of grasses for light soils, for medium soils and for heavy soils; by light soils we mean that which is more or less of a sandy or gravelly nature; the heavy, clay and heavy loams; while the medium is an intermediate between these two. A light, wet soil, with respect to the grasses suited to it, may be considered same as to the heavy soils, and a dry, heavy soil more as the light soils.

Our mixtures are made entirely of **choice recleaned** seeds, and will all have a uniform weight of sixteen pounds to the bushel. Quantity to be used per acre, one and one-half to two bushels, and half this quantity for renovating. In ordering always state the soil and position on which you wish to use it.

	PER BUSHEL.
Mixture for meadows	$2 00
" " pasture and hay in orchards and other shady places	2 00
Mixture for permanent pasture	$2 00
" " sandy and rocky grounds	1 75
" " marshy grounds	1 75

If second quality seeds are wanted, write for prices.

View of Lawn at "The Pines," Residence of Albert McCullough.

McCULLOUGH'S "Suburban" Lawn Grass Seed

Is a ***mixture*** of the finest Dwarf Evergreen Grasses, which will produce a sward of that dark green color so much admired. If sown in the Fall it will make a beautiful lawn the following Spring.

HOW TO MAKE A LAWN.

It is now a decided fact that Seed will make a better lawn than turf or sod. The best soil is a good medium texture; the surface should be raked repeatedly, thoroughly pulverized and smoothed to the desired grade; remove all large stones, roots and hardened pieces of earth that cannot be readily broken When the soil is firm, level and suitably moist, sow OUR "SUBURBAN" LAWN GRASS SEED at the rate of 4 to 5 bushels (64 to 80 lbs.) per acre. One pound is sufficient to sow a small yard 15 x 20 feet, or 300 square feet. It is unwise to be too economical in the quantity of seed used, if the best results are desired. The seed should be sown broadcast and as evenly as possible, then rake lightly and give a thorough rolling or pat well with the back of a spade. The seed must be well firmed in the soil.

Renovating Lawns. When your lawn has already been established, you will find it to your advantage to lightly re-seed each Fall. Carefully rake off all dead leaves, etc., and sow OUR "SUBURBAN" LAWN GRASS SEED at the rate of two bushels (32 lbs.) to the acre; roll thoroughly, or pat well with the back of a spade.

Price $3.00 per bushel (16 lbs.), $1.00 per 5 lbs., 25c. per lb., 15c. per half lb., 10c. per lb. extra if sent by mail.